

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





# HOLMES'

## 1930

### HANDBOOK OF

# SEEDS

IMPLEMENTS

ETC

"HOLMES  
EMPEROR"  
NEW GREEN  
WINTER CELERY.

LIBRARY  
RECEIVED  
★ BE6 10 1930 ★  
U.S. Department of Agriculture.

Absolutely the  
sweetest, nuttiest-  
flavored, most brittle  
green celery grown.

*Originators own growing.*

PER. PKT. 15<sup>cts.</sup> PER. ½ OZ. 60<sup>cts.</sup>  
PER. OZ. \$1.29 ¼ LB. \$2.75  
1 LB. - \$10.00

*For full description see page 13.*

*Direct to the Farmer*

Vegetable Seed Trials  
D. N. Shoemaker  
JAN 29 1930

*The*

# Holmes Seed Company

Canton, Ohio

*Tested Seeds of Known Vitality and Purity*



# Holmes' Tested Seeds

## of KNOWN VITALITY AND PURITY

### How to Order

Please sign your Name and full Address on every letter and order you send us. Always write plainly. Be sure to order Flower Seeds by the correct catalog number.

You run no risk in sending money with your order.

We do a strictly "cash with order" business. Any bank or trust company, or neighbor who has dealt with us, will assure you as to our responsibility.

Remit at our risk by Money Order, Draft or Check.

Use Registered Letter if you send cash or stamps.

### Free Delivery

#### FOR HOLMES' SEEDS AND BULBS BY MAIL

All seeds offered in this catalog will be delivered to your door postpaid in any quantity up to ten pounds in weight.

Where larger quantities are offered at a reduced price "by express," we do not pay transportation charges.

All Bulbs and Roots offered will be delivered postpaid, except where prices are quoted "by express."

### Holmes' Guarantee

We guarantee the safe arrival of your seeds. Most of the failures with seeds, plants or bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and, although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, The Holmes Seed Company gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants or roots they send out, and they will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interest to send out only such stock as will not only grow, but prove true to name.

### Collection of Holmes' Orchid-Flowering Spencer Sweet Peas

This is a wonderful collection of choice colors and fine varieties of lovely Spencers. One full size packet of each named variety with leaflet on Sweet Pea Culture for .....

Barbara. Fine salmon.

Commander Godsall. Violet-blue.

Elfrida Pearson. Pink.

Crimson King. Rich, deep crimson.

Powerscourt. Lavender.

Royal Purple. Purple.

## 25c

### Shrubbery

If interested in shrubbery, vines, roses, trees or perennial plants, write us for price list. We can supply hardy northern grown stock that will grow and thrive in this climate. Nothing adds more to the appearance of the home than a setting of beautiful shrubs.

Holmes' Quality Baby  
Chicks. Write for  
our special prices.

**Complete  
Alphabetical  
Index  
on page 64**



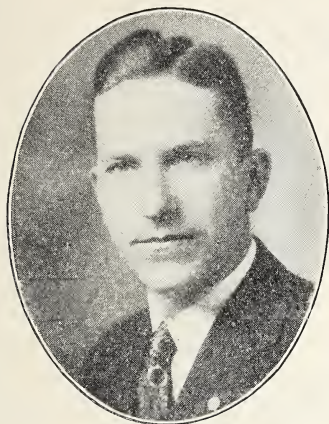


**If you have moved during the year, please give us your old as well as your new address.**





# SPECIALISTS IN Seeds

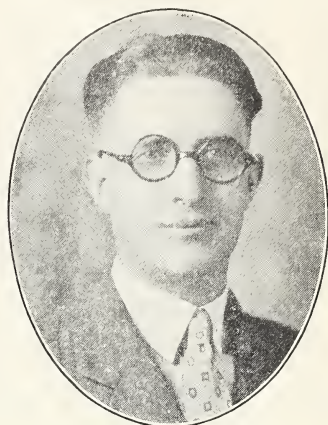


WM. S. BERGER

Mgr. Retail and Mail Order Departments. With 12 years experience in the Seed Business.



HARRY L. HOLMES, Jr.  
Pres. and Gen. Mgr.  
Recognized Authority On Seeds.



WAYNE E. WATSON

Sec'y and Mgr. of the Farm Seed and Market Garden Departments.

## *Demanding Facts Today*

**P**EOPLE bought UNTESTED, UNPROVED medicine and took a chance. The fellow with his nostrums backed ONLY BY CLAIMS occurring to him at the time, has passed out of the picture, for buyers are now more particular and more discriminating.

Demanding the facts is the order of the day, and in no field more insistent than in ours. To those planters who buy on facts or those who would like to, we offer HOLMES' BRED-RIGHT SEEDS backed by our splendid reputation and the experience of nearly a quarter century in seed selection. This reputation could never have been upheld in the face of keen competition had it not been for the exceptional worth of HOLMES' SEEDS. The President and General Manager, Harry L. Holmes, Jr., holds himself personally responsible for every lot of seed that the company offers to its planter customers, and his years of experience and watchful supervision guarantees complete satisfaction. Wherever possible, The Holmes' Seed Company produces its own seed to make certain of reliable stock. It has no connection whatever with any other seed house. It stands foursquare for

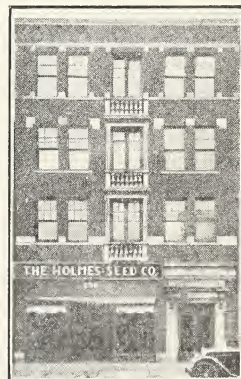
TESTED SEEDS OF KNOWN VITALITY AND  
PURITY

## The Holmes Seed Co.

224 Cleveland Avenue, N. W.

CANTON, OHIO

Phone 5996







## Holmes' Grass Seed of Known Purity

All our seeds are of the highest quality, obtained direct from the most reliable sources in the United States and abroad, and are carefully examined as to purity and growth, including tests made for us by leading Seed Testing Stations. We will furnish the percentage of purity and vitality. We are always pleased to suggest varieties suited to your soil and climate, to assemble combinations of seed to your specifications, or to supply our own mixtures and tell you the varieties of seeds in the mixture.

### Holmes' GroGreen Lawn Grass

The lawn being a permanent feature deserves most careful consideration, and for this reason we recommend **Holmes' GroGreen Lawn Grass**, which we believe is unexcelled in every way. We know by proven tests that it will produce a green, smooth, velvety sod with a thick bottom—free from common grasses which are inclined to produce clumps or knots. **Holmes' GroGreen** is unsurpassed for first-class and permanent results. This is due to the fact that we use only the very finest varieties of the most suitable grasses for making an even, thick mat of grass. The various grasses which compose this well balanced blend are fine-bladed and deep-rooting, sure to produce the best results under the varied conditions of soil and climate prevailing here. It is all plump, heavy seed, free from chaff and weed seeds. A small quantity of White Clover is included in order to help thicken the bottom of the sod. We recommend sowing one pound of **Holmes' GroGreen** to an area 10x30 feet, or 300 square feet; 100 to 150 lbs. are required to sow an acre. Delivered free, by mail, express or freight, at our option. **Lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 100 lbs., \$40.00.** (25 lbs. or more supplied at 100-lb. rate).

### Holmes' Terrace Lawn Grass

A special mixture of grasses best suited for sowing on terraces and embankments. Grasses that produce long, strong, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety green turf throughout the season. **Lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 100 lbs., \$40.00.** (25 lbs. or more supplied at 100-lb. rate).

### White Clover

The best for lawns, as it remains green throughout the season. Sow 10 to 12 lbs. per acre. **Lb., 70c, postpaid.**

*The grass seed sown last fall is fine.*

V. V. DORP, Pennsylvania.

**SOW HOLMES' LAWN SEED**  
and obtain a  
**GRASSY CARPET of**  
**UNRIVALLED EMERALD GREEN**

### Holmes' Shadylawn Grass

It is not so hard to get a good turf under the trees, providing the proper mixture of lawn seed is used. A liberal use of Sacco or Loma is very helpful. Sow **Holmes' Shadylawn** early in the Spring when the ground is honeycombed and roll thoroughly. Renew the lawn in Fall or Spring with half the amount of seed used for the new lawn. **Lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 100 lbs., \$40.00.** (25 lbs. or more supplied at 100-lb. rate).

**KENTUCKY BLUE GRASS** (*Poa pratensis*). It is a true perennial, lasting indefinitely and improving every year. Kentucky Blue Grass has creeping, underground stems; leaf blades very narrow; color a deep vivid green. Unlike some other grasses, it blooms but once each season. It is one of the very best grasses for fairways in the North and succeeds well on all soils. Sow 5 lbs. to 1000 square feet. **Lb., 50c; 5 lbs., \$2.35; 10 lbs., \$4.50; 100 lbs., \$40.00.**

**CREeping BENT** (*Agrostis Species* or South German Mixed Bent). This is undoubtedly one of the finest grasses for putting greens. The distinctive feature of this species is its compact, creeping rooting stems. It is of rapid growth and spreading habit; the stoloniferous roots form a strong enduring turf which withstands hard usage. Does well on all soil, particularly on light, moist land. Lime should not be used where this seed is planted. Sow 5 lbs. to 1000 square feet. **Lb., \$1.00; 10 lbs., \$9.70; 25 lbs., \$23.00; 100 lbs., \$85.00.**

#### LAWNS

(By F. F. Rockwell.)

How to start a lawn and how to keep it smooth and velvety. Suggestions for laying out, grading, fertilizing, planting, care after planting, weed and pest control. 87 pages. **Price, \$1.00.**

#### ROCK GARDENS

(By F. F. Rockwell.)

How to build a Rock Garden yourself at little expense. Describes types of Rock Gardens, tells how to construct and what to plant for best results. 86 pages. **Price, \$1.00.**

#### THE BOOK OF SHRUBS

(By Prof. Alfred Hottes.)

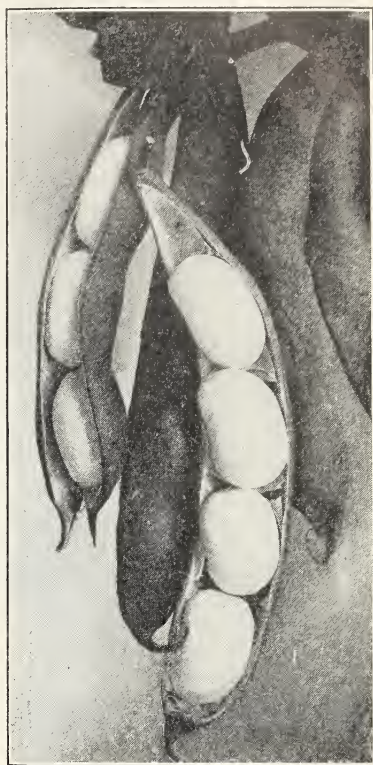
Tells what to select for different effects, how to plant, water, prune and care for shrubs and rockeries. 384 pages. **Price, \$3.15, postpaid.**



# Holmes' Specialties for 1930

## Holmes' Original Butter Beans

This Bean is not a Lima, but grows tall and very prolific. More delicious than the Lima. The illustration herewith portrays accurately the **Holmes' Original Butter Bean**. We want every farmer and every private gardener to give these Beans a trial and be convinced that they are all we represent them to be. **Holmes Original Butter Beans** are one of the heaviest croppers of which we know, and ripen earlier than the Lima Beans. The pods hang on in clusters and the beans are as large as Limas, in fact they are much thicker through than the Improved Bush Lima. There is no more delicious dish than these beans gathered just when the pod begins to turn yellow. They are very rich and the flavor beyond compare. Anyone who once tries this bean will not be satisfied to be without it. **Pkt., 10c; ½ lb., 30c; 1b., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75, postpaid.**



Holmes' Original Butter Beans.

## Sweet Spanish or Improved Valencia Onion

(Riverside Strain)

This is the largest, handsomest and mildest onion known today. The American Strain was developed by a large onion grower at Riverside, California, and is now superior to the original strain that has been shipped to this country in large quantities from Spain for several years. Thousands of acres of the Sweet Spanish are grown in the western states and shipped from coast to coast. It is fast becoming more popular than the famous Bermuda onion, which can only be grown successfully in a warm climate. Valencia is a large globe-shaped, brownish-yellow onion, weighing from one to three pounds. The flesh is white, fine-grained, mild and sweet, yet retains the onion flavor. It may be eaten like an apple. When properly and thoroughly cured, it is a good keeper and a splendid shipper. It has been known to yield 1,200 bushels per acre. To grow the larger sizes, they should be thinned out to six or eight inches between the plants. Onion growers made far more money on these than on any other crops. Many growers cleared several hundred dollars per acre. Our seed was grown for us by an onion specialist. There is none better. We urge you to give it a trial. **Pkt., 15c; oz., 35c; ¼ lb., \$1.15; ½ lb., \$2.00; 1b., \$3.50.**

## Coreless Chantenay

Early, Tender and Sweet

This new strain is quite free from the ordinary core produced in most carrots. It is a decided improvement over the old type, being particularly attractive when sliced for eating as an uncooked vegetable. On account of its tenderness it is superior in quality to regular Chantenay and should eventually supercede the old type. Therefore it should become one of the leading sellers. The color of the flesh is deep orange, the outer skin showing

a distinct tinge of rich orange-red. Roots average 5 to 6 inches and about 2½ inches at the shoulder which is square tapering slightly, stump-rooted at the bottom. Fine grained. **Pkt., 15c; oz., 25c; ¼ lb., 85c; 1b., \$2.50.**

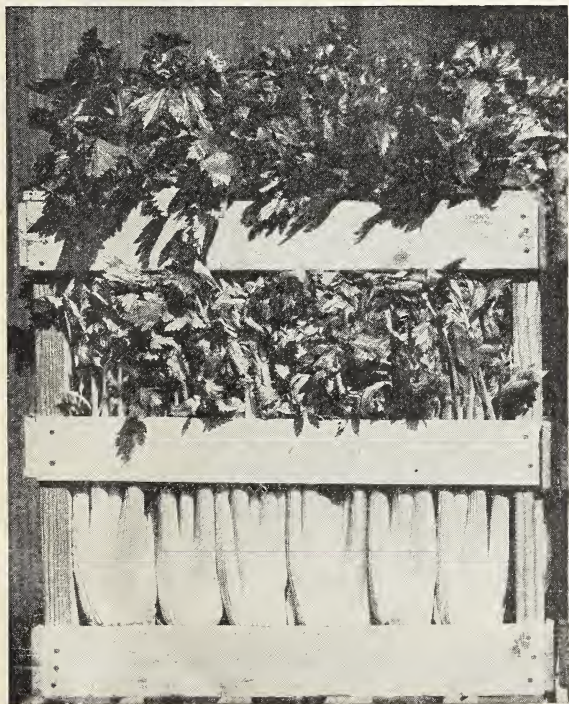
## New Celery, Golden Phenomenal

General characteristics are those of Golden Plume, but is decidedly taller and the stalks much longer to the joint. Practically as tall as the tall strain of Golden Self Blanching. The season for planting and maturity is the same as Golden Plume. The plants are heavy, compact and full-hearted. The stems are broad and thick, brittle and free from strings, of fine flavor and of excellent quality all through. The stock is very even and the plants very uniform in size and appearance. The originator gave some of the seed to a Celery grower who grows over one thousand acres of Celery alone, and at market time this grower reported "it is phenomenal the way this selection has been preferred in the New York market, bringing top prices, and it is also phenomenal as to weight of yield per acre." Upon receipt of this report the new variety was named Golden Phenomenal. **Pkt., 25c; ¼ oz., \$1.75; ½ oz., \$3.00; oz., \$5.00; ¼ lb., \$16.00.**

**Seeds for Critical Market Gardeners Trade**

## Bottle Onion

This Onion has been grown for many years in certain sections. Its great merit deserves that it should be known universally. It is absolutely unsurpassed in flavor, being mild and sweet like the Spanish Onion. Its great length makes it a fine bunching Onion, and it is also excellent for slicing. It yields well, and is a good keeper. If you give this Onion a trial, you will never be without it. Genuine stock. **Pkt., 15c; oz., 35c; ¼ lb., \$1.25; 1b., \$4.00. Sets, 1b., 40c, postpaid; by express, ¼ bu., \$1.50; bu. (32 lbs.), \$5.00.**



Crate GOLDEN PHENOMENAL Celery.

Note the length of plants, especially the blanched stalks.



## Asparagus

An ounce plants 50 ft. of row, produces about 200 plants; 4 to 5 lbs. per acre.

Can be started by sowing the seeds or setting out roots. When roots are one year old, set them 12 inches apart. The rows should be 8 to 10 inches deep, with width of 6 to 8 inches at the bottom. After spreading out roots, cover crowns with 3 inches of soil. With the growth of the shoots gradually fill in with earth until level with surface.

**MARY WASHINGTON.** A most remarkable, almost rust-proof Asparagus. This Asparagus, which has been selected by the United States Department of Agriculture, Washington, D. C., has proven to be nearly rust free. The plants form large, clean shoots which are thick and heavy. They are long and straight, with closely folded tips. The color is rich dark green, tinted darker at the tips. It is a heavy yielder and a long-lived producer of exceptionally fine flavor. The performance of the 15-year-old mother plant of Mary Washington, which is still growing in the trial grounds of the Department of Agriculture, is ample proof of the hardiness and longevity of this variety. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00, postpaid.**

**PALMETTO.** Early. Large, thick, dark green shoots with a distinctly pointed tip. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 85c; 5 lbs., \$3.75, postpaid.**

### Asparagus Roots

4000 to 6000 plants per acre.

**MARY WASHINGTON.** This excellent variety is fully described above. These roots will give maximum yields beginning the second year after planting. **25 for 75c; 50 for \$1.30; 100 for \$2.30, postpaid. By express, 1000 roots for \$13.00; 5000 roots for \$60.00.**

**PALMETTO.** A favorite variety with many home gardeners and market growers. **25 for 45c; 50 for 80c; 100 for \$1.50, postpaid. By express, 1000 roots, \$9.75; 5000 roots, \$45.00.**

## Broccoli

Early. Plants large sized, about 2 feet high, branching in growth, each branch terminating in a green sprout head medium in size, about 6 inches in diameter, smooth, solid, compact, of green color. When the head is cut, sprouts form in the axils of the leaves below, which develop small loose heads, green in color, of very good quality. The sprouts are harvested when large enough for use with stems 4 to 6 inches long and are usually bunched for market. This variety is in great demand among the Italian gardeners and has become very popular in American markets during the last few years. The heads, leaves and tender stems are cooked like Asparagus or Spinach. The head is ready to use when fully developed and is used without blanching. It is grown like Cauliflower, sown in hot bed or cold frames for early Spring crop, or in seed beds outdoors during the late Spring or early Summer for a late Fall crop. **Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.25; lb., \$12.00.**

## Brussels Sprouts

One ounce will produce 1500 plants; 6 ounces will plant an acre.

Use a rich, heavy loam with good drainage. In the latitude of Canton sow outside in rows in May and transplant in July to rows 2 to 2½ feet apart, setting the plants 1½ to 2 feet apart in the rows. Cultivate often. Brussels Sprouts are hardy and keep in fine condition from October until December.

**DANISH PRIZE.** A very uniform strain that has proved more productive of firm dark green sprouts than can be grown from other sorts. Plants dwarf, compact and hardy. A profitable variety. **Pkt., 10c; oz., 35c; ¼ lb., 90c; lb., \$2.75.**

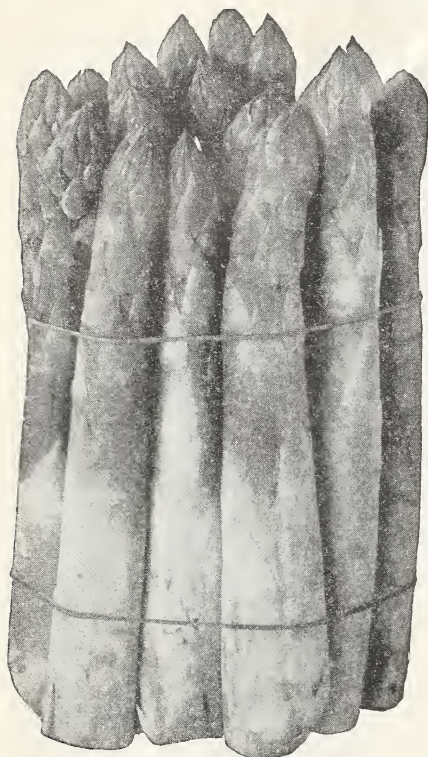
## Dwarf Beans

One pound will plant 100 feet of row; 60 pounds will plant an acre.

The best soil is a well manured, sandy loam, but very fine crops are produced on an average garden soil. After the ground is perfectly warm (usually about May 1st) sow at intervals of two weeks in order to secure a succession throughout the season. Sow 2 inches deep, 3 inches apart in rows 2 feet apart. Cover firmly. Cultivate often, keeping a mulch of loose soil at all times. Deep cultivation after flowering will cause many blooms to fall.

### Dwarf Wax Podded Beans

**PENCIL POD BLACK WAX.** Early. Very strong, vigorous, 15 inches high, and very productive. The pods are large, 6½ inches long, fully rounded, straight and deeply saddle-backed, of a light golden yellow color, strictly stringless, brittle, fleshy and of the highest quality. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**



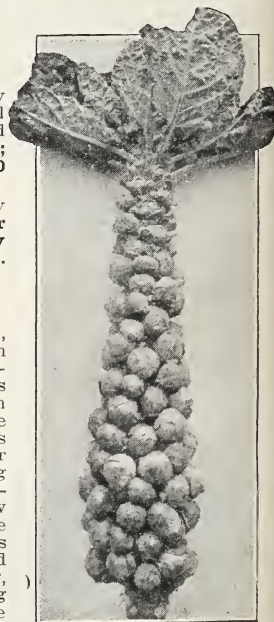
Wax Washington Asparagus.

### Italian Green Sprouting

a green sprout head medium in size, about 6 inches in diameter, smooth, solid, compact, of green color. When the head



Pencil Pod Black Wax.



Danish Prize  
Brussels Sprouts.



**DWARF WAX PODDED BEANS—Continued.**

**YELLOW POD BOUNTIFUL.** Since the introduction of this splendid sort it has grown in popular favor with the market gardeners year by year. The earliest; the heaviest yielder; the most beautiful rich yellow pod. Always absolutely stringless; long thick, meaty, flat pods; vigorous plants loaded with beans. We recommend it to you as the finest of all yellow pod beans. **Pkt., 10c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75.**

**SURE CROP STRINGLESS WAX.** The earliest and heaviest bearing stringless yellow pod Bean. A most prolific variety of superlative quality. The handsome rich yellow pods are slightly curved, averaging 6 inches in length. They are almost round; one-half inch wide, very meaty and sweet, and perfectly stringless at all stages. The habit of the plant is free branching, but sturdy and upright, every branch carrying a heavy crop of the magnificent pods. Valuable for its productiveness and disease-resisting qualities. It is classed as an early variety and has proven to be a quick seller because of its many good points. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**ROUND POD KIDNEY WAX or BRITTLE WAX.** Early yellow Bean. Plants strictly bush form. Pods large, round, yellow, very brittle, absolutely stringless, remaining in good condition for use until full grown. Quality excellent. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**IMPROVED (RUST-PROOF) GOLDEN WAX.**

Of typical bush growth, 10 to 12 inches tall, producing a good crop of straight pods. Stringless and brittle, with thick, flat pods of a lemon-yellow color, slightly tinged green. The variety has proved to be practically free from rust except when grown under decidedly unfavorable conditions. It is of extra early maturity. **Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

**WARDWELL'S KIDNEY WAX.** An excellent main crop wax variety. The plants grow about 15 inches high, are vigorous and very productive. The 6-inch pods are straight, flat, moderately stout, fleshy, brittle, fine grained and nearly stringless and of a rich golden yellow color. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**Dwarf Green Podded Beans**

**BURPEE'S STRINGLESS GREENPOD.** Very early. Plant medium erect, very hardy, strictly bush form. Pods about 5 to 6 inches, curved, round, thick or fleshy, medium green color, stringless, brittle, tender, of the very highest edible quality. Very productive. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**BOUNTIFUL.** Very early. Plant bush form, medium sized erect. Pods long (usually about 6 inches), broad, flat, slightly curved, of light green color. Stringless, of excellent quality. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**FULL MEASURE.** A really stringless, early round green-podded bean, tender and meaty. The pods are straight, 6 inches long, and being very meaty, remain fit for use many days after maturity. We recommend it to our customers, knowing that it will give great satisfaction. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35.**

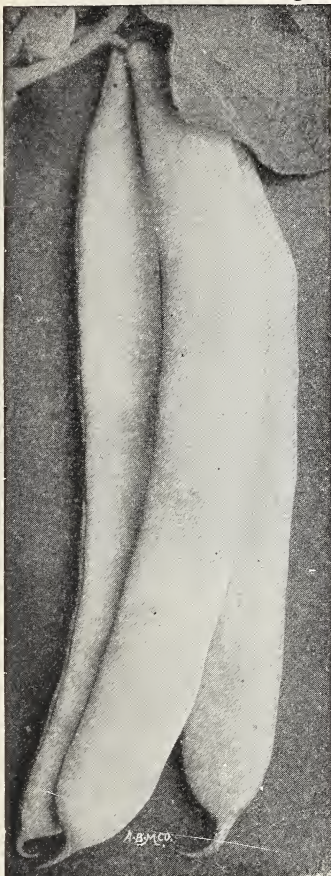
**IMPROVED RED VALENTINE.** Productive and hardy, doing well on a wide variety of soils. We offer a much improved strain of Red Valentine which produces, in about 55 days from planting, perfectly round, thick and meaty pods that are stringless until half grown. Quality excellent. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**DWARF HORTICULTURAL.** Stringless. Excellent as a pod Bean or dried for a shell Bean. The seed is large, round and somewhat mottled. The pods are long, round, very thick and fleshy. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**STRINGLESS GREEN REFUGEE.** Plant large size, vine dark and strong, pods 5½ inches, round, slightly curved, stringless light green. Excellent quality and splendid for market or canning. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**



Bountiful Beans.



Sure Crop Stringless Wax Beans.



Burpee's Stringless Green Pod.



## Soup or Shell Beans

**ROBUST PEA BEAN** (Improved White Navy). Robust is a selection of the white Navy introduced by the Michigan Agricultural College. In trials has always outyielded other white beans. It is adapted to the heavier soils. **Pkt., 10c; ½ lb., 20c; 1b., 35c; 2 lbs., 60c; 5 lbs., \$1.50; 10 lbs., \$2.75, postpaid.**

**WHITE MARROWFAT.** The plants make a dwarf growth. The pods are large, flat and straight with 5 to 7 white seeds in each pod. **Pkt., 10c; ½ lb., 25c; 1b., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

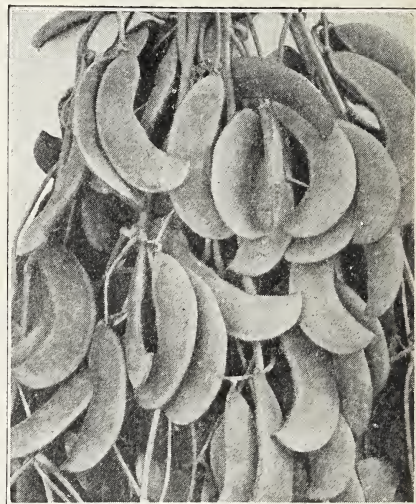
**RED KIDNEY.** An old variety; very popular. Seed is red, plant grows dwarf. **Pkt., 10c; ½ lb., 25c; 1b., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

**WHITE KIDNEY.** This is another good variety for baking and for soup. The Beans are white and larger than either the Navy or White Marrowfat. **Pkt., 10c; ½ lb., 25c; 1b., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

## Bush Lima Beans

One pound will plant about 100 hills, or 100 feet of row; 60 pounds will plant an acre.

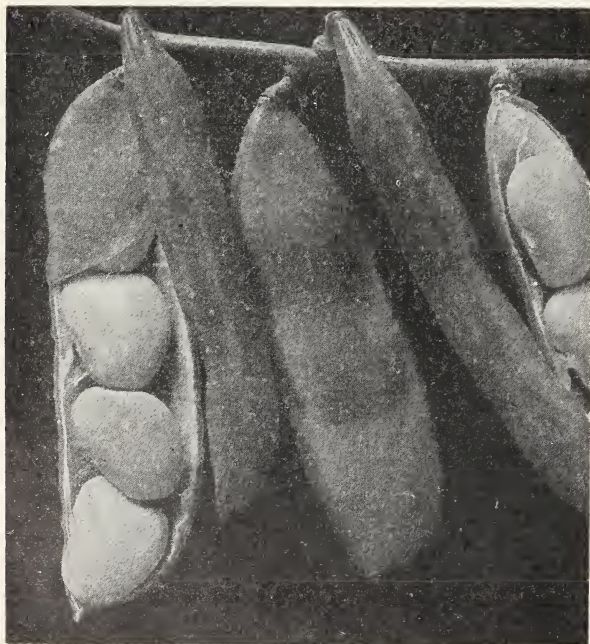
A rich, light soil is best. Sow the seed after the ground is dry, danger of frost is over, and the nights are warm (about May 20th in the latitude of Canton). Make the rows 3 feet apart, dropping the Beans so



Burpee's Improved Bush Lima.

the plants will stand 4 to 6 inches apart in the row, and less than one inch of soil. The Beans will germinate more rapidly if placed on edge with the eye down. Bush Limas may also be planted in hills 3 feet apart one way and 2 feet apart the other, using 4 to 6 beans to the hill.

**FORDHOOK BUSH LIMA.** Our Fordhook Limas are pure stock, excellent quality. The Beans are very thick, meaty and of delicious flavor. It is ready for use a week earlier than other dwarf Limas and bears fully a third more pods. The plants stand very erect, never prostrate or running, and are filled with many clusters of pods. Remember, that our improved strain of Fordhooks are bred up to increased yield, richer flavor, and attractive color. Quality counts more than price on any market. We urge you to order early all you need. (Crop very short). **Pkt., 10c; ½ lb., 30c; 1b., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75, postpaid.**



Henderson's Bush Lima.

**BURPEE'S IMPROVED BUSH LIMA.** Fine flavored; big, broad, "meaty" Beans. The sturdy bushes grow 20 to 24 inches high. It is an enormous yielder, bearing in close clusters as many as eleven pods, containing three, four and five beans, more containing five than three. The Beans are much larger and nearly twice as thick as the old Burpee's Bush, and mature a week earlier. **Pkt., 10c; ½ lb., 25c; 1b., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**BURPEE'S BUSH LIMA.** The bushes grow about 20 inches high, are very prolific and the Beans are as large as the large pole Limas. The new Burpee's Improved Bush Lima is, however, a vast improvement over this variety. **Pkt., 10c; ½ lb., 25c; 1b., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**HENDERSON'S BUSH LIMA.** Small Beans, but very tender and of exquisitely rich, buttery, Lima flavor, whether used green or dried for Winter. **Pkt., 10c; ½ lb., 25c; 1b., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

## Birds of the Wild

By Frank C. Pellett

A naturalist and bird lover tells you how to attract the wild birds to your home. How to feed, water and shelter. 128 pages. **Price, \$1.90.**

**WRITE FOR PRICES ON LARGER QUANTITIES OF BEANS**



## Pole or Corn Beans

One pound will plant 75 to 80 hills; 20 to 30 pounds per acre.

Do not think of hurrying your crop by too early planting or you may have a failure—the seed will rot readily if the soil is cold and wet. Wait until the soil is thoroughly warmed. Use 8-foot poles, placing them 4 feet apart in the rows each way. Plant five or six Beans around each pole; let three of the best plants stand. They may also be grown in rows and supported by wire or along a wire fence; plant the seed two feet apart for this method. Top dress with good fertilizer or manure, working it in as you cultivate.

### KENTUCKY WONDER (Old Homestead).

Continues to bear throughout the season, if the pods are picked as they mature. The pods are 7 to 9 inches long, very deeply creased, meaty, stringless when young, and of finest quality. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

**LAZY WIFE.** Broad, thick, fleshy, green pods, entirely stringless. Pods average 6 inches and are borne in great abundance. The white Beans may be used as soup Beans if allowed to dry in the pods. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

**OLD-FASHIONED SICKLE.** One of the best quality; well known to all farmers and gardeners. The seed is gray, with black stripes; the pods long, meaty and stringless. Very heavy yielder. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**HORTICULTURAL or SPECKLED CRANBERRY.** Especially adapted for short seasons and cool locations. It produces long, round, thick pods of fine green color, and is very prolific. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**



Kentucky Wonder Pole Beans.



## Yellow Pod Pole Beans

**EARLY GOLDEN CLUSTER WAX.** Large, flat, yellow pods, borne in clusters very profusely; stringless and very tender. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

**YELLOW-PODDED KENTUCKY WONDER.** This variety is early, has all the good qualities of the green-podded variety of the same name, yet is a yellow-pod Bean. The plants are covered with beautiful, long, golden yellow, stringless flat pods. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

## Holmes' Green Prolific Pole Lima

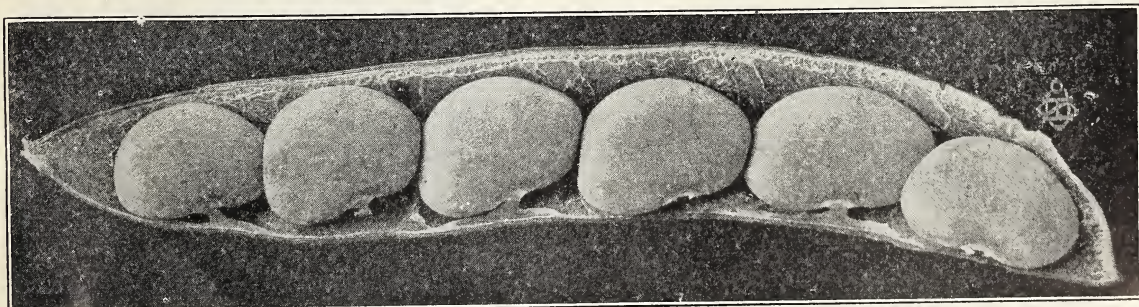
Introduced by H. L. Holmes

The most productive Pole Lima Bean. Grows green, stays green. This Pole Lima was originated near Philadelphia, Pa., over sixty years ago by Mr. Lafferty, a renowned market gardener who specialized in growing Lima Beans for family and hotel trade. In our own crop we find the Bean equals the Early Jersey for earliness, and is far more productive than any other Pole Lima. The large pods hang in clusters of from five to eight, which makes them easy to gather, each having five to six beans in a pod. **Pkt., 15c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid.**

**KING OF THE GARDEN LIMA.** This variety produces large, flat pods of good quality, containing 5 or 6 large Beans. It is very prolific, and quite early. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

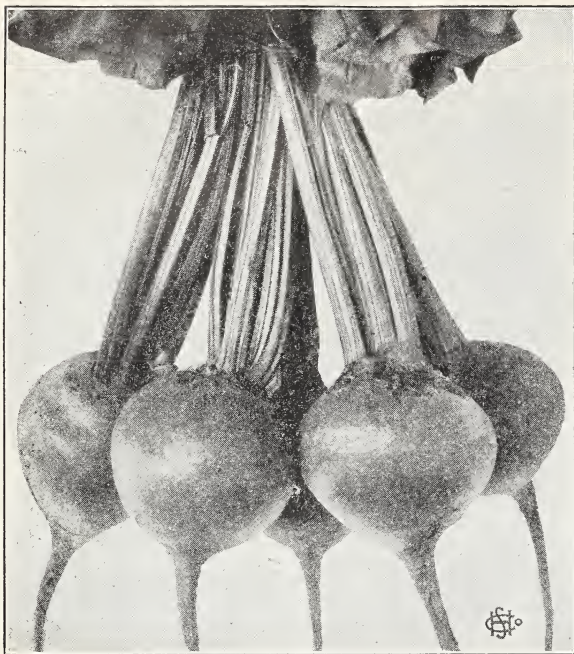
**EARLY LEVIATHAN.** This is the earliest of the pole Limas, and is a heavy cropper. The flat pods are borne in clusters. The Beans are thick, meaty, and of good flavor. **Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid.**

**QUANTITIES OVER TEN POUNDS NOT PREPAID.**



Holmes' Green Prolific Pole Lima Bean.





Holmes' Fireball Beets.

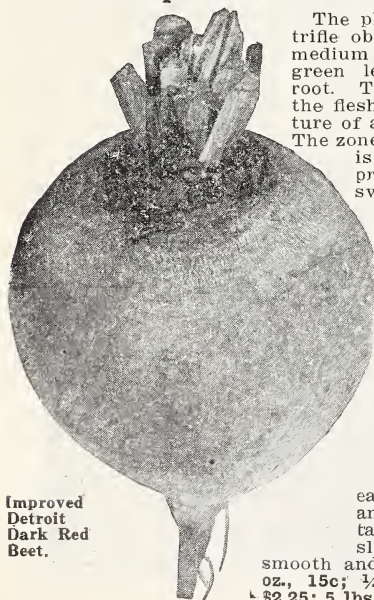
## Holmes' "Green Top" Blood Beet

(Introduced by H. L. Holmes)

### In Quality It Stands Alone

Whoever saw an absolutely light green-top Beet with pure blood-red root? It is one of the most tender of Beets, of delicious flavor and is absolutely unsurpassed for quality by any Beet we know of. This grand, new main crop Beet—**Holmes' Green-Top Blood**—has a tapering root. The flesh is a handsome dark red, sweet and tender at all stages of growth regardless of size. The hard, stringy, wooden-like fiber so common with all other varieties, is entirely absent in **Holmes' Green-Top Blood Beet**, which will keep tender all Winter. Market gardeners who plant it will find it outsells all others. By buying this year, you can control your market and make big profits. The keeping quality of **Holmes' Green-Top Blood Beet** has no equal. We would advise our customers who want this fine Beet to order early, as our stock of seed is limited. **Pkt., 15c; oz., 35c; ¼ lb., 95c; 1 lb., \$2.50; 2 lbs., \$4.70; 5 lbs., \$11.00.**

## Improved Detroit Dark Red

Improved  
Detroit  
Dark Red  
Beet.

The photo shows a typical beet, a trifle oblong globe in shape. It is a medium early small type with bright green leaves and good shaped tap root. The skin is deep crimson and the flesh, which is the principal feature of a good beet, is deep blood-red. The zones are inconspicuous, the flesh is evenly colored and when in prime condition is crisp and sweet. They are especially desirable for canning small and some canners call them Rose-bud Beets. The strain is one that has been developed for uniformity of shape, tops and colors and we think it is a little better than anything we have seen in beets. **Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.**

## Crosby's Egyptian

This variety is extremely early. The plants grow rapidly and the roots are quick to attain size. They are round but slightly flattened at the top, smooth and of uniform size. **Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25, postpaid.**

# Garden Beets

One ounce will sow 50 feet of row; 7 pounds per acre.

The best soil is a light sandy loam, having been previously enriched with well-rotted manure. If the Beets are wanted extremely early, sow in hotbeds and transplant, cutting off the outer leaves. For early use, sow in rows at intervals of two weeks from the time the ground is fit to work in the Spring up to July. The rows should be 12 inches apart and the seed sown thinly and covered firmly with one inch of soil. When the plants attain three or four leaves, thin them out to stand 3 or 4 inches apart in the row.

## Holmes' Fireball

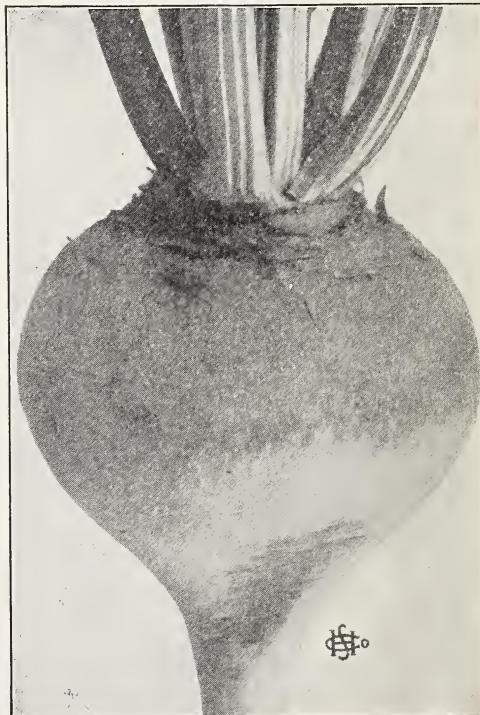
Introduced in 1909 by Harry L. Holmes. We believe this to be one of the most popular beets in America today, for we have received many letters from all sections of this country praising the quality of this wonderful beet. **HOLMES' FIREBALL** has the color that is desired and that denotes quality—deepest black-red all the way through, just as it shows in this photograph which is an exact reproduction of the beets as they are grown from our seed. In addition to its very desirable deep dark red color, it is of very superior quality, richly flavored, and is very smooth, clean and of uniform shape and size, bunching up attractively. It is unexcelled for pickling. The seed we offer is grown from specially selected stock seeds bred by years of selection for color, quality and shape. **HOLMES' FIREBALL BEET** is the best for home and market. We know that all of you who have been growing it will continue to do so, and to those who have not, we urge you to grow it, knowing you will be more than pleased. **Pkt., 10c; oz., 20c; ¼ lb., 45c; 1 lb., \$1.50; 10 lbs., \$13.50.**

## Early Wonder

This beet keeps remarkably well, and is suitable for either Spring or Fall sowing. Bred by market gardeners for the Boston Market. The proper strain is dark in color of root with practically no light zoned beets, and nearly round in shape with a clean, small tap root. Tops small and dark. **EARLY WONDER** is in great demand with market and home gardeners. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.**

## Eclipse

This variety is early, round, smooth, deep red and of fine quality. **Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25; 2 lbs., \$2.25.**



Holmes' "Green Top" Blood Beet.



# Mangel-Wurzel, Stock Beets

One ounce of seed sows 100 feet of drill; 5 lbs. per acre.

Dairy farmers should grow more of these for their cows. They make the best kind of Winter feed, cost little and make more rich milk than almost any other feed. They are also excellent feed for poultry.

**MAMMOTH LONG RED.** Very large; red flesh. Pkt., 10c; oz., 15c; ¼ lb., 25c; 1b., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40.

**GOLDEN TANKARD.** Flesh yellow. (Makes the milk look like cream). Pkt., 10c; oz., 15c; ¼ lb., 25c; 1b., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40.

**DANISH SLUDSTRUP.** Reddish yellow; very large and of excellent quality for stock feeding. Pkt., 10c; oz., 15c; ¼ lb., 30c; 1b., 75c; 2 lbs., \$1.25; 5 lbs., \$2.70.

## Swiss Chard

**LUCULLUS.** A delicious variety having pale green leaves which are remarkably crimped and curled, like savoy cabbage. The stiff ribbed chards are white and broad but not so broad as the common variety, although equally fine in flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1b., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20; 10 lbs., \$7.45.



Lucullus  
Swiss Chard.

## Carrots

One ounce will sow 100 feet of row; 3 lbs. per acre.

Carrots give satisfactory results when sown in any good garden soil, if thoroughly and deeply worked; a sandy loam, well manured, is the most desirable. For early crop, sow as early as the ground can be worked and for later crops, in the latitude of Canton, sow up to about June 15th. It is best for garden culture to sow in rows 12 to 14 inches apart; cover with about one-half inch of soil. When of sufficient size, thin out the plants to stand 2 to 3 inches between plants.

**Chantenay Half-Long** Our strain is specially selected and produces fine, uniform roots. A medium early, half-long, smooth, blunt-rooted sort, of deep orange-red color and delicate flavor. As it has a small top, it is very popular for bunching and for frame use, allowing close planting. Shaped broadest at shoulder, tapering toward base and running suddenly to a point; the root averages 5½ inches in length. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1b., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

**Danvers Half-Long** This sort is slightly longer than Chantenay, growing 7½ inches long; is square shouldered, tapering gradually to a blunt point. The root is smooth and handsome, of an orange-red color, with sweet, crisp flesh. For main planting it has no superior, and when sown during June it produces the best roots to store for Winter. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1b., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

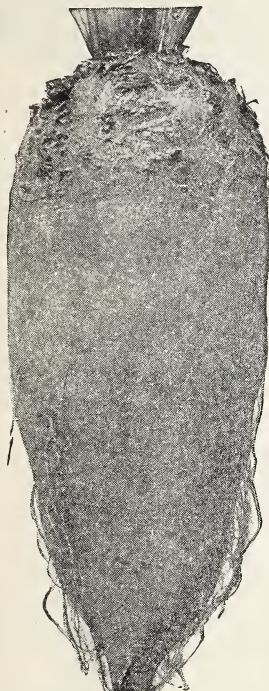
**Coreless** A very popular sort. For salad purposes and for cooking, it is unsurpassed. The true type is about 6½ to 7 inches long and 1 to 1½ inches thick, very stump-rooted with small rat tail. Color rich orange, and the core so undefined that it is called "coreless." Skin smooth, tops small. Flavor incomparable. Best suited for home and market gardening. Pkt., 10c; oz., 20c; ¼ lb., 55c; 1b., \$2.00; 2 lbs., \$3.70.

**LONG ORANGE.** This long variety of very good quality, is used both for field and garden culture in deep soils. The root grows 10 inches long, tapering from a 1¼- to 2-inch shoulder to a point. The flesh is of a deep orange color. Pkt., 5c; oz., 20c; ¼ lb., 40c; 1b., \$1.25; 2 lbs., \$1.80.

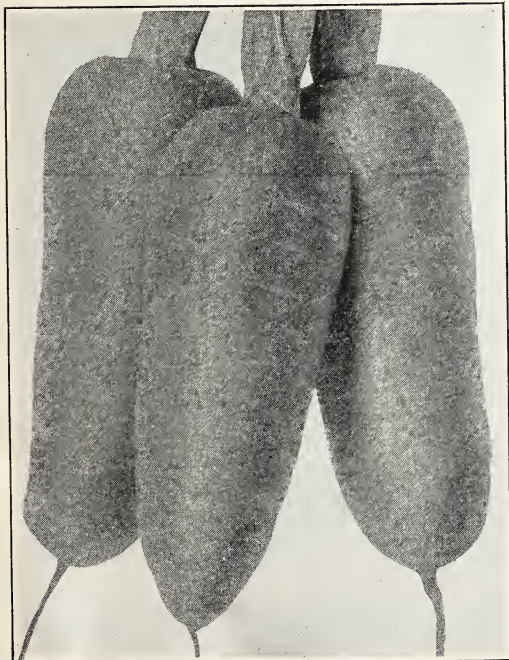
**OXHEART or GUERANDE.** A stump-rooted sort with light, scant foliage. Root is 5½ inches long and 3 to 4 inches in diameter, bright orange-red, tender and sweet. This is one of the best varieties for the table. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1b., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.



Danvers Carrot.



Golden Tankard  
Mangel Wurzel.



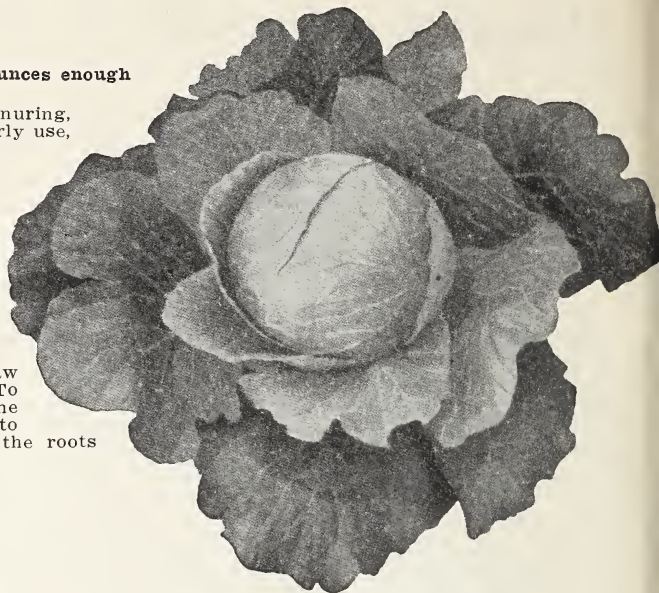
Chantenay Half-Long Carrots.



# Cabbage

One ounce of seed produces about 2500 plants; 4 ounces enough plants to set an acre.

Cabbage requires deep, rich, mellow soil, high manuring, and good culture to obtain fine, solid heads. For early use, sow seeds of the early kinds in the hotbeds or in a box in the house the last of January or early in February; transplant into the open ground in April in rows 2 feet apart and 1½ feet apart in the row; or sow a bed of seed outside as soon as the soil can be worked; transplant in about four weeks. For second early Cabbage, sow in April and transplant in May. For late Cabbage, sow in May and transplant in July in rows 3 feet apart and 2 feet apart in the row. In transplanting, it is important that plant be set down to the first leaf, so that the stem may not be injured in case of frost. Be careful not to cover the heart of the plant. Hoe every week and stir soil deep. As they advance in growth, draw a little earth to the plants until they begin to head. To prevent splitting or bursting, go frequently over the ground and push every Cabbage that appears about to mature over sideways, which will break some of the roots and check its growth.



Copenhagen Market Cabbage.



Golden Acre Cabbage.

**EARLY JERSEY WAKEFIELD.** One of the leading early Cabbages, equally popular for home use and market, maturing perfect heads in from 100 to 110 days from sowing. The heads are of medium size, pointed, firm and solid, with few outer side leaves, remarkably uniform in size and time of maturing. Quality excellent. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

**LARGE CHARLESTON WAKEFIELD.** A selection from the preceding, maturing about 10 days later. The heads are considerably larger, oblong and pointed. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**WINNIGSTADT.** A splendid early, pointed-headed variety. The heads are of medium size, sharply pointed and very hard. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**Glory of Enkhuizen** Heads large in size, round, solid, uniform in shape and maturity, of very good quality. The heads will range from 6 to 7 pounds. This variety is popular for market and home use. One of the most desirable varieties for kraut. Our seed comes to us direct from the originator. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$3.00.

**Copenhagen Market** Extra Early, Very Solid and an Immense Yields. We consider this the most valuable early Cabbage, producing round, hard heads, with short stem and small core, weighing 4 to 6 pounds each. It is unsurpassed for market and home use, coming on the market with Jersey Wakefield, and giving a heavier yield than that popular Cabbage. Large growers of Cabbage are enthusiastic about it on account of its extreme earliness and excellent quality. This seed comes direct to us from the originator in Denmark. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$4.00, postpaid.

**Golden Acre** The earliest round head cabbage yet introduced. This cabbage is becoming popular as it matures from 10 to 12 days earlier than the Copenhagen Market. The heads are small to medium size, all maturing about the same time. The plants may be set 10 to 12 inches apart, making a heavy tonnage. The heads are round, very solid and of splendid quality. Give it a trial both for early market and home use. The seed we offer is the original strain. Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; lb., \$5.50.



Glory of Enkhuizen Cabbage.



**Holmes-Houser** Latest Cabbage of Them All. Introduced by H. L. Holmes in 1897. It was noted then, as well as now, as the latest hard-heading, smallest heart, late-keeping Cabbage grown. Its wonderful quality, extremely small heart, and fine ribs are features not found in any other Cabbage. **Holmes-Houser** is solid, weighing 10 to 12 pounds at maturity. The shape is round and deep, developing a very slight oval shape at the top (see illustration). In solidity it is as hard as the Danish Ballhead, compact in habit of growth, the leaves overlapping the head, and when it cracks or bursts, it is always on the stem end which does not destroy its use for market. **Holmes-Houser** leads all other sorts as to keeping qualities, color and shape. It is a strong, vigorous grower, with ability to withstand drought better than most sorts. It sells well on the markets. We advise setting the plants out a couple weeks ahead of any other late sort, as it requires this much longer to mature. If you grow this sort once, you will never be without **Holmes-Houser**. We have never had enough seed to supply the demand. **Originator's Stock Seed.** Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$6.00.



**Penn State Ballhead** This strain is the result of the most patient and careful selective breeding carried on by Prof. C. E. Myers, at the Pennsylvania Agricultural Experiment Station, since 1912. The stem is short, and the outer head leaves frequently become tinged with purple as the plants mature. When grown on soil of average fertility, the heads weigh from 4 to 6 pounds. They are extremely solid and firm, and their keeping qualities are unequalled. This variety is exceptionally valuable because of its resistance to Blackleg. Our seed was grown from original stock, furnished by the Pennsylvania Experiment Station. As the seed crop of this variety is very short, we advise ordering early. Pkt., 20c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50; lb., \$8.00.



Penn State Ballhead Cabbage.

**PREMIUM FLAT DUTCH.** This has been a favorite in many Cabbage growing sections as a late Fall or Winter variety, making large and much flattened heads of remarkable solidity. They keep well throughout the Winter. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

**VOLGA** (Stonehead). A large, round-headed, short stem sort; plants of compact growth. The variety is hardy, usually very solid and a good keeper. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

**Danish Ballhead** (Special). The most popular Cabbage for Winter because of its great solidity and excellent keeping qualities. The heads are round, very hard and solid. Our Special **Danish-Grown** strain has a reputation for uniformity of shape, size, color and high yield. We recommend this variety to particular growers. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

*Your Danish Cabbage is the best I ever grew. I had about 70 tons of Cabbage this year.*

GEO. H. SMITH, Ohio.

**MAMMOTH ROCK RED.** A very select strain with large, solid, somewhat flattened heads. The favorite Cabbage for pickling. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$2.75.

**Danish Roundhead** (Short Stem Ballhead). An early, short-stemmed type of the well known and much prized Danish Ballhead Cabbage. Danish Roundhead has less outer foliage and is still more blight resistant. The heads are unusually solid and heavy. They are balloon shape and exceptionally fine Winter keepers. Very productive and of excellent quality. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$3.00.

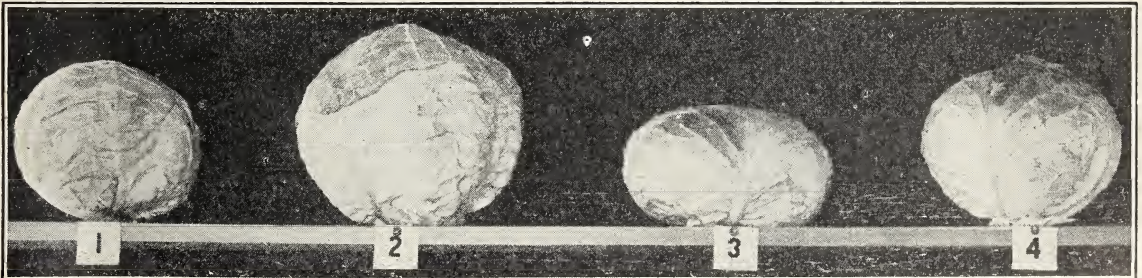
**WISCONSIN HOLLANDER.** This variety has been bred for resistance to the Cabbage Yellows and is valuable where the Cabbage crop is likely to suffer from disease. The heads are large, spreading, and have a remarkably solid heart. We have a fine strain. Pkt., 15c; oz., 45c; ¼ lb., \$1.35; ½ lb., \$2.45; lb., \$4.50.

**SUREHEAD.** It is extremely popular with the market gardener, owing to its remarkable surety to head. Are uniform, hardy, fine in texture, of a large, flattened shape, sweetly flavored, with few loose leaves. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**ALLHEAD.** Early, large in size, flat but deep, solid, of good quality. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

**SUCCESSION.** Heads very large in size, somewhat flattened, solid. This sort seems to withstand heat and dry weather better than many others; is a very heavy yielder and excellent for kraut. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**DRUMHEAD SAVOY.** The heads are solid, leaves curled and crimped. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 80c; lb., \$2.75.



(1) Copenhagen Market. (2) Glory of Enkhuizen. (3) Succession. (4) Danish Ballhead.





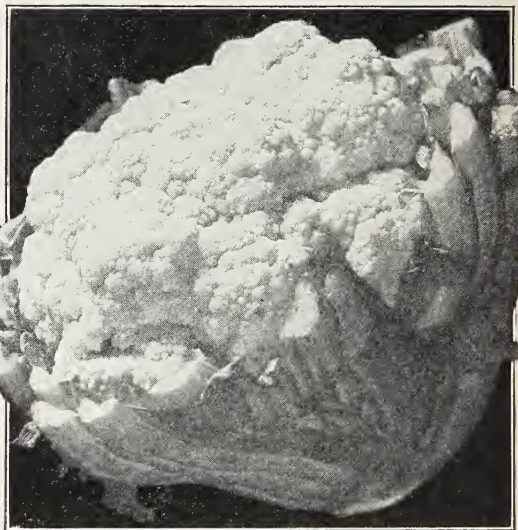
Chinese Cabbage,  
Chihili.

## Chinese Cabbage

We advise that the seed be sown in July or August (not earlier) because Chinese Cabbage has a tendency to bolt to seed in warm weather. Either start in frames and transplant, or, better still, simply sow where the plants are to remain in rows  $2\frac{1}{2}$  feet apart, thinning to from 12 to 18 inches apart in the row. This is now commonly seen on the markets and has met with great success. We are very enthusiastic about this Chinese Cabbage and strongly advise that you include this when planting your garden for this year. It is very easily grown and takes very little space.

**CHIHILI.** This new strain forms tall, thin, pointed heads, much heavier and taller than Wong Bok, and very solid; most sure to head. Length of head is about 18 to 20 inches, diameter 4 inches. Outer leaves bluish green, while the inside is creamy white. **Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30; lb., \$4.50.**

**WONG BOK.** This is the original Chinese grown strain, producing a heavier and more solid head than the Pe-Tsai variety. Has a deliciously mild cabbage flavor, and the pale green, closely wrapped leaves blanch to almost pure white. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50; 2 lbs., \$4.80.**



Holmes' Snowball Cauliflower.

## Cauliflower

One ounce will give from 1000 to 1500 good strong plants.

Cauliflower is grown in the same manner as cabbage, usually as a late Fall crop, but when started early in the Spring, excellent heads of the early dwarf varieties can be grown even in warmer sections. To make the best and largest heads, the plants need cool moist weather, well enriched soil and thorough cultivation. Cauliflower is highly esteemed for its mild, delicate flavor and the extreme tenderness of the solid white heads. For an early crop start the seed indoors and set in the open about the end of April. For a main or Fall crop, seed should be sown from June 1st to July 1st, and the young plants set out during the later part of July. In this locality the early dwarf varieties, such as Snowball, give best results also for the Fall crop. Farther south the large late sorts are satisfactory for late or Winter heading.

**HOLMES' SNOWBALL.** After exhaustive tests, Holmes' Snowball has proven to be thoroughly established and we believe it would pay you to give it a trial, not only because we know it to be a fine sort, but because we know what crops have been produced from it. Our opinion is based on many years' experience and from results obtained by gardeners in the Cauliflower-producing sections. Holmes' Snowball is for outdoor culture on account of its earliness, vigorous growth, handsome appearance, and high quality. We advise you not to delay in placing your order. **Pkt., 25c;  $\frac{1}{4}$  oz., 75c; oz., \$2.50;  $\frac{1}{4}$  lb., \$8.00; lb., \$28.00.**

*The Holmes' Snowball Cauliflower seed purchased from you was planted at Georgian Bay, Canada, and we had heads that ran seven pounds; in fact, one head we grew weighed nine pounds. All were perfect heads. This is a fish country, but this is not a fish story.—J. C. SHEETS, Collins Inlet P. O., Canada.*

**DRY WEATHER or DANISH GIANT.** A second-early sort adapted for growing in the open ground in localities which are subject to long, dry seasons. The heads are of medium to large size, pure white, and of fine quality. **Pkt., 25c;  $\frac{1}{4}$  oz., 75c; oz., \$2.50;  $\frac{1}{4}$  lb., \$8.00; lb., \$28.00.**

**EARLY DWARF ERFURT.** We recommend this for very early outdoor crop in Spring, or for sowing in May for Fall crop. The plant is vigorous and makes a strong, sturdy, dwarf, compact frame—a sure indication of sound, large heads. **Pkt., 15c;  $\frac{1}{4}$  oz., 65c; oz., \$2.00;  $\frac{1}{4}$  lb., \$7.00; lb., \$25.00.**

## Cress

One ounce will sow 100 feet of drill; 12 pounds will sow an acre. **EXTRA CURLED (Pepper Grass).** Crisp, pungent leaves: finely cut, dwarf, and compact. Used for garnishing. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c.**  
**WATER.** Thrives best along running water. **Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.**

## Chicory

One ounce will plant 100 feet of drill; 4 pounds will plant an acre.

**LARGE-ROOTED or COFFEE.** The soil should be light and rich. Sow seed about May 1st in rows 2 to  $2\frac{1}{2}$  feet apart. Cover firmly with  $\frac{1}{2}$  inch of soil. Thin to 6 inches apart and cultivate well. The roots will be ready to dig in the Fall and when dried are used as an adulterant for coffee. Plant grows large leaves and thick stalks. The young leaves sprouted from one-year-old roots are excellent as a salad. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.**

**WITLOOF CHICORY or FRENCH ENDIVE** is used principally as a Winter salad. Sow seed in the open ground. The roots are lifted in the Fall, and stored in a cool place until wanted for forcing. They can be forced in any warm cellar. **Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.**

## Collards

**GEORGIA.** Cultivation same as Cabbage, of which it is really a tall, loose-leaved form. Grows 3 feet high, forming a cluster of undulated leaves at the top of its long stem. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.**

## Corn Salad

Two to three ounces will sow 100 feet of row.

**BROAD-LEAVED.** Hardy little plants, forming rosettes of tender, edible leaves and used as a substitute for lettuce. Grown for late Fall, Winter and Spring use. Sow during August and September, in rows one foot apart. Cover with one-half inch of fine pulverized soil, pressed firmly to insure good germination. Thin plants to 6 inches apart in the row. **Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.**



Georgia Collards.





Golden Self-Blanching or Paris Golden Celery.

## Celery

For the earliest crop sow in a hotbed during February or March. For the fall or main crop, seed may be sown in the open ground as early in the spring as the soil can be worked into good condition, and the plants should be set in the rows in July.

Celery requires a rich, well-manured soil and plenty of moisture so that it can make a continuous growth. One ounce is sufficient for 600 feet of drill. One ounce gives 5,000 to 6,000 plants;  $\frac{1}{4}$  lb. for an acre.

### Holmes' Emperor

(Introduced by H. L. Holmes in 1912.)

#### Growing in Popular Favor by Leaps and Bounds.

This Celery is emphatically distinct from all other sorts. Excels all others, being the largest, most solid, and finest nut-flavored Celery grown. This marvelous Celery was named and introduced by HARRY L. HOLMES in 1912. It was found growing in a field of Golden, was then planted in a plot by itself, selected and bred for several years until the type was fully established. It has already taken the lead among late celery and has a world-wide reputation. The original stock has been improved under our watchful care and it is today as near perfection as Nature can make it. **Holmes' Emperor** Celery is superior in that it is free from the stringiness common to other sorts. The tops are dark green, while the outer stalks blanch a beautiful white with rich yellow heart. The plants are dwarf and therefore much easier to blanch than the taller-growing varieties. In size it averages from sixteen to eighteen inches in height, while the blanched part is seven to ten inches long. Stalks are smooth, almost perfectly round, exceptionally thick, very brittle, with that wonderfully rich, crisp, nut flavor. It is very resistant to disease. There are three points in its favor, any one of which would make it noteworthy: 1st. It retains the flavor which, even in the green state, is as fine as when blanched. 2nd. It is perfectly solid and free from the hollowness so often found in many varieties. 3rd. The thick stalks are extremely brittle, without strings. Once grown by market gardeners or home gardeners, it is always sure of a large place in future plantings. **Holmes' Emperor** has been grown by the largest growers of Celery in America as well as in Europe, who have pronounced it the finest nut-flavored and best-keeping sort of outstanding merit. It commands a higher price on the market due entirely to its wonderful flavor and brittleness. You cannot afford to be without **Holmes' Emperor**. It is simply delicious. **Pkt., 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00;  $\frac{1}{4}$  lb., \$2.75; lb., \$10.00.**

*I have had no better celery than Holmes' Emperor.*

MRS. DAVID Z. HOOVER,  
Pennsylvania.

*I grew my own celery plants from your famous "Emperor" seed and found it the most wonderful celery we ever ate. It is a perfect celery in every way.—MRS. CANDACE MATTERN, Penna.*

### Golden Self-Blanching or Paris Golden

#### "Tall or New Strain"

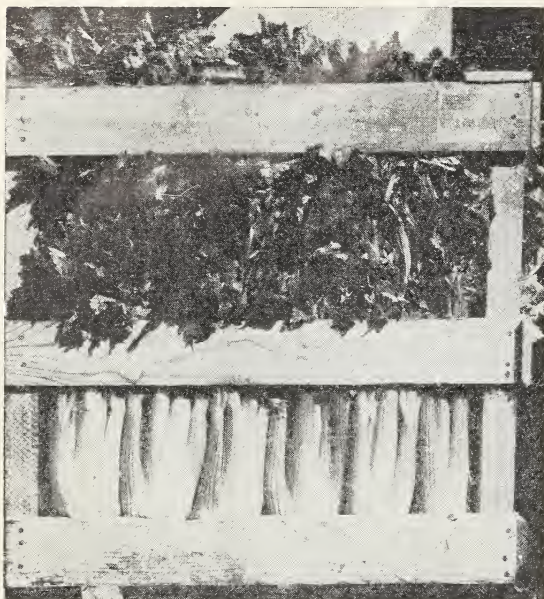
Finest French-Grown seed. This variety is early, plant medium to large sized, compact, stocky, good heart, fair keeper. Leaf-stalks many, sharply ribbed, blanches easily to white, tinged with golden yellow; brittle. It is a vigorous grower and is not so seriously affected by blight and stands adverse weather much better than the old Dwarf type. The large growers insist upon having only French-Grown seed even though it costs double the price. Our seed is grown in France by the originator. **Pkt., 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.25; lb., \$12.00.**

**AMERICAN GROWN SEED** produced from the Originator's stock. **Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.**



Holmes' Emperor Celery.



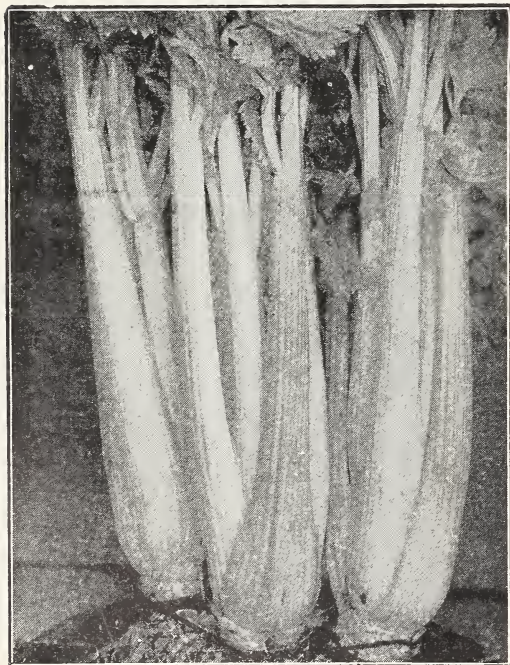


A Crate of Golden Plume Celery. Note the Uniformity of the Stalks.

**Columbia** In a general way it very much resembles Giant Pascal, the stalks being thick and almost round, and in quality it is excellent. The leaves are a most attractive light green tinged with yellow, and the stalks when blanched are a beautiful golden yellow. In maturity it is slightly later than Golden Self-Blanching. Columbia is one of the most desirable sorts for the table. Our stock is grown for us by a celery specialist and can be relied upon. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**

**MEISCH'S SPECIAL.** This strain of Celery was originated by Mr. Sebastian Meisch, who spent many years in bringing it to its present state of perfection. It matures early, and is of a most wonderful golden color, of fine flavor, crisp and tender. It is very resistant to blight and heart-rot, and because of its very attractive appearance sells readily on the markets. Be sure to get our genuine strain. **Pkt., 25c; ½ oz., \$1.50; oz., \$2.50; ¼ lb., \$9.50; lb., \$35.00.**

**Giant Pascal** This variety we consider to have the most delightful table quality. It may be classed as a Winter Celery. Its medium height stalks are very thick, the upper portion being rounded. It blanches to a beautiful light yellow color, is very solid and crisp. We believe that our strain is a definite improvement over the original type, and we highly recommend it to all Celery growers. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**



Columbia Celery.

## CELERY—Continued.

**Golden Plume** (Extra select). For the eleventh time a winner at the Celery King Contest. This Celery closely resembles the old Golden Self-Blanching variety in quality, being exceedingly crisp and of fine flavor. It has completely captured the Early Golden market because of its fine full-hearted appearance, and appeals to the grower because of the ease with which it blanches. It has proved a gold mine on the early Celery market for the past two years, coming a week ahead of Golden Self-Blanching. Its attractive appearance is a delight to the eye, and its delicious flavor a treat to the palate. It is of easy culture, and very resistant to blight. The leaves are creamy yellow, and the stalks almost pure white. It is without coarse fiber, being brittle and tender. Sometimes called Wonderful. Its large size and pleasing color make it a very profitable Celery for the market gardener. Infinite care has been taken in the production and selection of the seed we offer, and you may rely fully upon this strain. **Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.25; lb., \$12.00.**

**Easy Blanching** This variety shows great vigor of growth, is noted for its ability to blanch quickly, and is completely resistant to Celery "sickness," heart rot, and blight. The stalks being longer and the foliage thick and compact, it bleaches much higher than most other sorts and the bunches trim up with less waste. There is a growing demand for this Celery in the Fall just as it comes from the field without any bleaching. **Easy Blanching** grows rapidly, and of fine flavor. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**



Easy Blanching Celery.

**WHITE PLUME.** The earliest and most easily blanched, but does not keep well, so that it is grown exclusively for late Summer and Fall use. Attractive light green foliage and pure white stalks. Crisp and delicious. It is a popular variety for early market and usually commands a good price. **Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.**

## Celeriac

(Turnip-Rooted Celery).

It is used for flavoring and is in wide demand. Culture is the same as celery. As the roots are the edible portion, it requires no hilling. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

## Garden Guide

A complete handbook for the amateur gardener. It covers every step from spading, fertilizing, planting and caring for the vegetable, flower and fruit garden. If followed, will enable any amateur to become a successful gardener. **\$1.65, postpaid.**



# Sugar or Sweet Corn

One pound will plant about 200 hills; 12 pounds to the acre.

Average garden soil is very satisfactory. Sow after the ground becomes warm; first planting may generally be made about May 15th in the latitude of Canton. Continue successive plantings every two or three weeks until the end of July. Plant one inch deep in hills, 3 feet apart each way, dropping six kernels to each hill. Thin to 3 plants per hill. With large varieties make hills 4 feet apart each way. Sweet Corn may also be sown in rows 3 feet apart and thinned so that the plants will stand 10 inches apart in the row. Hoe frequently, keeping free from weeds, and draw soil up to the stem; break off all side shoots.

**HOLMES' PREMO.** (Introduced by H. L. Holmes). Can be planted fully as early as the Adams. The young plants stand light frosts, where the other varieties are tender, and the seed will not rot when planted before the soil becomes warm. The stalks grow about 5 feet high, and bear two uniformly sized, finely appearing ears, 7 to 9 inches long, 10 to 12 rows. Of the best quality, and ears are filled to the very tip. **Pkt., 10c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$18.00.**

**GOLDEN GEM.** Originated by the Dakota Experiment Station. In tests this past year shows it is the earliest yellow corn yet introduced, besides being larger than Golden Bantam. Plant 4 to 5 ft. high. Ears medium in size, usually from 7 to 8 inches long with 12 rows. Kernels broad, golden yellow color, of melting sweetness. It matures two weeks ahead of Golden Bantam, and remains in an edible condition longer. Our seed comes direct from the Experiment Farm. Do not fail to give this a trial. **Pkt., 35c; ½ lb., 75c.**

**EARLY MARKET.** Especially desirable for its extreme earliness which is a decided merit for the market gardener, being one of the first large-eared white sweet corns on the market. Ears grow close to the ground, 6 to 9 inches long with 12 to 14 rows, and of excellent quality. **Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c; 5 lbs., \$1.30; 10 lbs., \$2.50, postpaid. 25 lbs., \$4.75; 100 lbs., \$18.00.**

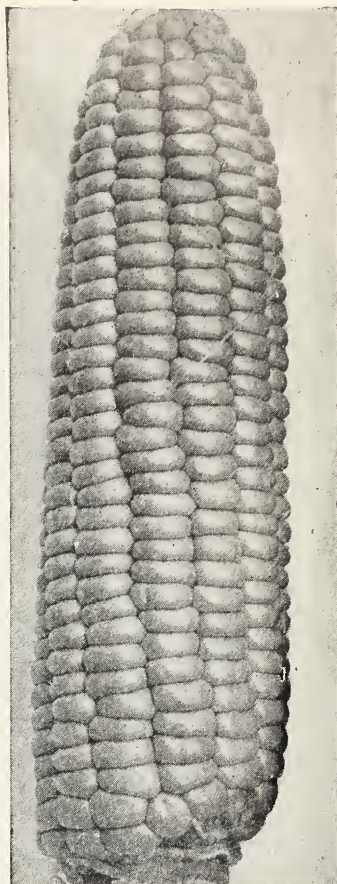
**ALPHA.** A large early, dwarf-growing white-grained sort. Ears are 6 to 7 inches long, eight-rowed. Stalks average about 4 feet. Owing to its extreme earliness the Alpha has proved a profitable corn for the market grower. **Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c; 5 lbs., \$1.30; 10 lbs., \$2.50, postpaid. By Express, 25 lbs., \$4.75; 100 lbs., \$17.00.**

**BARDEN'S WONDER BANTAM.** Originated by Mr. Barden in Northern Ohio. An extra early Sweet Corn having all the good qualities of Golden Bantam, just as early, but with a much larger ear, measuring 8 to 10 inches long with 8 rows of rich golden kernels of the same delicious flavor as Golden Bantam. It is a variety that every market and home gardener should grow. We recommend it highly. **Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c; 5 lbs., \$1.30; 10 lbs., \$2.50, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.**

**GOLDEN SUNSHINE.** Ready for market a week to ten days before Golden Bantam. Plant growth more dwarf, ears closer to the ground. Ears 7 to 8 inches, 12-rowed, golden yellow, sweet and tender. A money maker for the enterprising gardener. **Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$6.50; 100 lbs., \$25.00.**

**GOLDEN BANTAM.** Early, golden yellow in color. Ears 6 to 7 inches long, 8-rowed, of delicious flavor. Most popular sort for the home garden. Our stock has been carefully selected and is superior to much that is offered. **Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.**

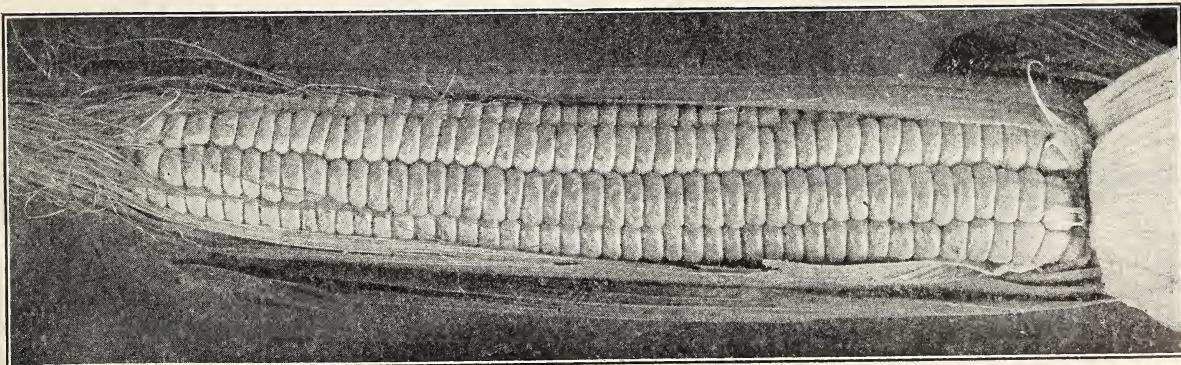
**DE LUE'S GOLDEN GIANT.** An 8-inch yellow-eared Sweet Corn maturing two weeks after Golden Bantam. It is 12- to 16-rowed and heavy. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 50c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.**



Holmes' Premo.

**IMPROVED BANTAM or BANTAM EVERGREEN.** A cross between Golden Bantam and Evergreen, and a most excellent sort of fine quality. Ears 8 inches long, 12 to 14-rowed; grains rather broad and deep, of a rich golden yellow color. **Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c; 5 lbs., \$1.30; 10 lbs., \$2.50, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.**

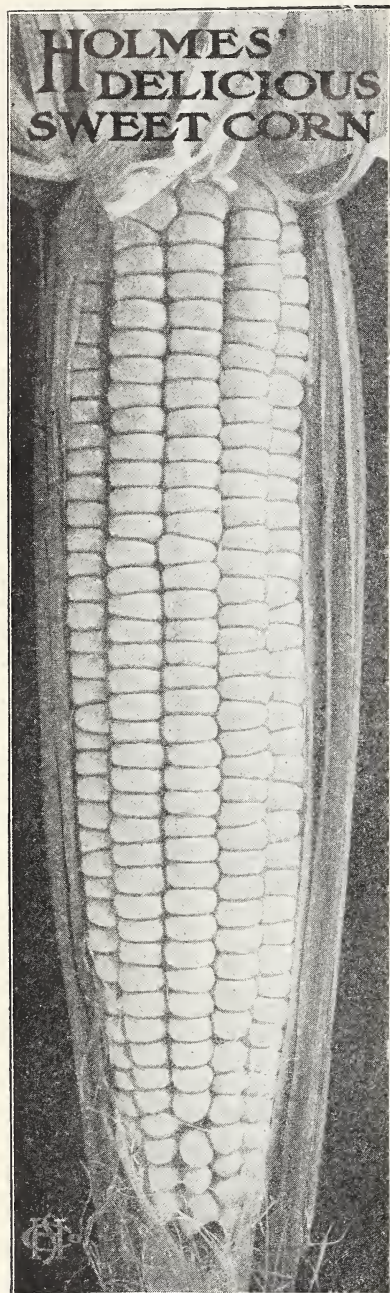
**WHIPPLE'S EARLY YELLOW.** A remarkable new yellow Sweet Corn of much merit. The stalks grow 6 feet or more in height and the 14-rowed ears are 7 to 9 inches in length. The kernels are broad, deep and of excellent quality. Few days later than Bantam. **Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c; 5 lbs., \$1.30; 10 lbs., \$2.50, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.**



Barden's Wonder Bantam.

**PLEASE NOTICE.** If you want quantities of Corn, write us for special prices, stating quantities wanted. Quantities over ten pounds not prepaid.





**WHITE RICE.** Very productive, excellent quality; very crisp and delicious. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.25; 100 lbs., \$15.00.

QUANTITIES OVER TEN POUNDS NOT PREPAID.

Holmes' Corn Collection of 3 of the very best varieties: Holmes' Premo, Barden's Wonder Bantam, Holmes' Delicious. Packet of each for 25c; or  $\frac{1}{2}$  pound of each for 60c, postpaid.

#### SWEET CORN—Continued.

**HOLMES' DELICIOUS** can be planted early with the hardy Corns; it will stand the cold, wet ground better than other sorts. **Holmes' Delicious** will produce ears 7 to 9 inches long, fourteen rows of broad, deep grains of most delicious flavor. If you want a Corn to come in early and have the size of the Evergreen, and sell at sight on the market, then plant **Holmes' Delicious**. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$20.00.

**HOWLING MOB.** Large-eared early Sweet Corn. This excellent Sweet Corn originated in Northwestern Ohio. Ready to use within a few days after Golden Bantam when both are planted at the same time. Ears measure 7 to 9 inches, with 12 to 14 rows of good size. Howling Mob is a strong growing and sturdy sort, usually carrying two ears to a stalk. It is very productive and without question one of the earliest white Sweet Corns of really high quality. It is grown extensively on a large scale for every market, and it should be included in every home garden, since it is easily grown; yields a fine crop. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.30; 10 lbs., \$2.50, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**EARLY EVERGREEN.** This excellent variety resembles Stowell's Evergreen, but matures about ten days earlier. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

**MAMMOTH WHITE CORY.** An extra-early, large-eared variety. Ears 12-rowed, 7 inches long, fairly sweet, tender and white. Stalks about 4 feet high, usually two ears on each stalk. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

**WHIPPLE'S EARLY WHITE.** Of the narrow grained Evergreen type, but ready for use much earlier. Ears 8 to 9 inches long, 16 to 18 rows of pearly white grains. The chief distinction of this variety is that it is by far the earliest of the narrow-grained Evergreen types and has a larger sugar content. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.30; 10 lbs., \$2.50, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**HOLMES' SWEETHEART.** (Introduced by H. L. Holmes). Delicious flavor. This is one of the most valuable Sweet Corns offered in many years. The ears measure 7 to 9 inches in length, symmetrical in shape with twelve even rows of broad and very deep grains covering the white cob from heel to tip. It is a main crop, coming in two weeks earlier than the Evergreen. The stalks average in size from 6 to 8 feet. This depends largely on the soil where planted. It is a full cropper, thrifty, hardy and prolific. Try it this season, you will want more another year. Pkt., 15c;  $\frac{1}{2}$  lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75, postpaid.

**BLACK MEXICAN.** One of the sweetest and best; ears 8 inches long and 8-rowed. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**COUNTRY GENTLEMAN** (Shoe Peg). An especially fine quality Corn. Ears 7 to 8 inches long, cob small, white and densely covered with long, slender, white grains, without row formation. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

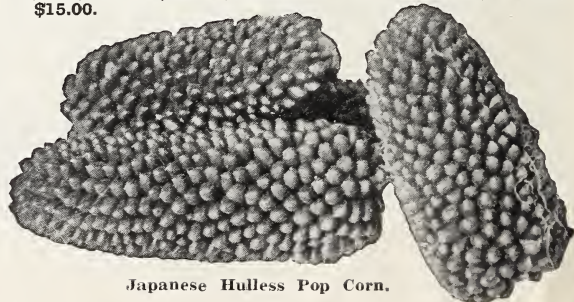
**MAMMOTH SUGAR** (Late Mammoth). The largest eared variety of Sweet Corn. Ears often 12 inches long and 16 to 18 rowed, sweet, tender and delicious. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$4.75; 100 lbs., \$17.00.

**STOWELL'S EVERGREEN.** The standard and best known Sweet Corn. Ears 8 to 9 inches long, 16 to 18 rowed, with a very deep, sweet grain. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.50; 100 lbs., \$16.00.

#### Pop Corn

**JAPANESE HULLESS** or **TOM THUMB.** Dwarf growing; heavy yielder; ears short, thick and uniform. The grain is of excellent popping quality and of delicious flavor. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid.

**QUEEN'S GOLDEN.** The stalks grow 6 feet tall, with large ears produced in abundance. It pops perfectly white. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.15; 10 lbs., \$2.10, postpaid. 25 lbs., \$4.25; 100 lbs., \$15.00.



Japanese Hulless Pop Corn.



# Cucumbers

One ounce of seed will plant about 50 hills; 1 to 2 lbs. to the acre.

Cucumbers should be grown in every garden to furnish both large fruits for slicing for the table and small young fruits for pickling. In most sections it will be best to make two sowings: one as early in the spring as the weather permits, to supply fruits for the table during the summer months, and a second about the last of June or first of July, to furnish fruits for fall use. This late sowing will also give the best supply of young fruits for pickling purposes; the cool fall months are the best time to put them up for winter use.

**Holmes' Improved White Spine** This Cucumber is without an equal among market varieties and is just as good for the home gardener. Its rich, dark green color makes it most attractive to the eye and its heavy bearing qualities make it most profitable to the grower. The plants are very strong and vigorous, and are thus better able to resist disease than most other sorts. This Cucumber grows about eight inches long. It is early, and can be put on the market when prices are high. The gardener who plants this fine Cucumber cannot go wrong. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.75; 2 lbs., \$3.25.

**EARLY FORTUNE.** One of the finest types of the White Spine ever produced, in some some respects resembling the Davis Perfect. The cucumbers when fully grown measure about 9 inches in length, slightly tapering at the ends. The color is a rich dark green. The flesh is thick and firm and pure white in color; it has but few seeds. The vines are vigorous growers, set fruit early and are very productive. The **Early Fortune** is recommended as one of the very best early market varieties. We highly recommend a trial either for shipping or for home use. Price: Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25; 5 lbs., \$5.00.

**IMPROVED LONG GREEN.** We consider this very handsome Cucumber to be an outstanding variety. Fruits, when mature, are about 12 inches long, uniformly slender, and of a rich deep green color. They are well covered with warts and spines. Sometimes the small fruits are used for sweet pickles. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.50; 5 lbs., \$6.35.

**Davis Perfect** This valuable cucumber is a general favorite in the large growing districts, an ideal cucumber, equally good for growing under glass or outdoor culture. When grown out-of-doors it resembles the hothouse product so closely that dealers will pay the same high prices for it as for the hothouse-grown. The color is a dark, glossy green, shape slender and symmetrical, average length, 9 to 10 inches. Contains but few seeds and is ideal for slicing. The vines are extremely vigorous and productive and resist blight better than other long sorts. For market gardeners it is one of the most profitable varieties yet introduced. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.00.

**Longfellow** A valuable variety equally desirable for outdoor culture or greenhouse forcing. Long, slender, uniform shape, deep dark green color, with smooth skin and white flesh. When matured 12 to 14 inches long by 2½ inches in diameter. An ideal type for the private garden or as a "straight pack" sort for shipment to market. We recommend it highly. Pkt., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.

**SNOW'S PICKLING.** This variety is short, broad at the stem and tapering slightly to the tip. More blight proof than others. We offer a strain of most carefully selected seed from fields inspected for uniformity. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25.

**Pickler's Special** (Heinz Strain). Robust grower, heavy producer. Pickles proper shape and size. This is a distinct improvement on Chicago and Boston, and in the estimation of the grower will produce more and better pickles by far than any other variety known today. If you are interested in pickling cucumbers, give this one a thorough trial. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50; 2 lbs., \$4.50.

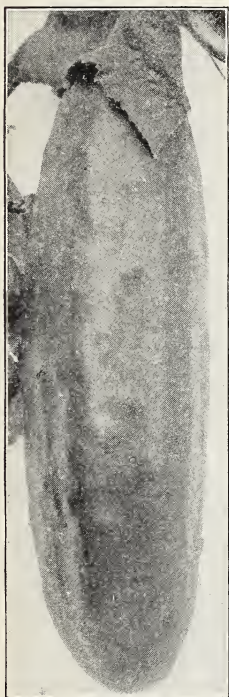
**WHITE WONDER.** The Cucumbers are white from the time they begin to set, and are very good, either for eating fresh or pickling. Of fine quality and very productive. They average 8 inches long by 2½ inches thick. The pearly white skin is extremely thin but quite strong, which makes a good shipper. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00; 2 lbs., \$3.70.

**EARLY GREEN CLUSTER.** Short and prickly; bearing, in clusters of two and three, pickles of small size, prolific; fine for bottling. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

**BOSTON PICKLING.** Early, plant very productive, fruits short, slender, slightly tapering, medium green color. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.

**CHICAGO PICKLING.** This is similar to Boston, but pickles are a little shorter, thicker and less tapering. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25.

**GHERKINS (True West India).** Used only for pickles. Fruits small, oval, about 2 by 1¼ inches, covered with spines; color light green. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.



Davis Perfect Cucumber.



Holmes' Improved White Spine.



Boston Pickling Cucumbers.



# Eggplant

One ounce of seed produces about 1500 plants;  $\frac{1}{4}$  lb., to the acre.

Sow seeds in hotbed or warm greenhouse in March or early in April. If no hotbed is at hand, they may be grown in any light room where the temperature will average 75 degrees. When plants are 2 inches high, or have formed two rough leaves, transplant them into beds and set 3 to 4 inches apart. Keep beds closed and very warm, shading from direct rays of the sun and giving an occasional watering until the weather is warm and all danger from frost and cold nights is past; then harden the plants by gradual exposure to the sun and air, and transplant to the open ground late in May or June, into warm, rich soil, 2 to 3 feet apart each way. When about a foot high, draw the earth up to the stem.

**BLACK BEAUTY.** Ten days earlier than the New York Purple; is of rich, lustrous, purplish black color. It is a distinct sort and a favorite where known. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. **Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 50c;  $\frac{1}{4}$  lb., \$1.30; lb., \$4.50, postpaid.**

**NEW YORK IMPROVED LARGE PURPLE.** A leading variety. Fruit very large, oval, smooth, deep purple; flesh white and of good quality. The seed we offer is a very fine strain of this poultry sort. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz.,  $\frac{1}{4}$  lb., \$1.15; lb., \$4.00, postpaid.**

**NEAPOLITAN.** In size this averages 3 to 3  $\frac{1}{2}$  inches in diameter by 6 to 8 long, in color dark purple. It matures about 10 days earlier than Black Beauty. Its flavor is superior. **Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00.**

## Dill Seed

Sow early in the Spring, thinly in rows about 1  $\frac{1}{2}$  feet apart for hand cultivation. Cover seed about one-half inch. Dill is used in large quantities for flavoring cucumber pickles and vinegar.

**MAMMOTH.** Large seed heads. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.**

## Dandelion

One ounce will sow 150 feet of drill.

Sow in May or June, in warm, rich soil, in drills one-half inch deep and 1  $\frac{1}{2}$  feet apart. Some of the plants will be ready for use in September, the remainder the following Spring.

**LARGE-LEAVED.** Leaves fully double the size of the common Dandelion. Years of the most careful cultivation have developed a very fine strain of seed. Makes delicious greens. **Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.50; lb., \$8.75.**

## Endive

One ounce of seed sows 150 feet of drill; 5 lbs., per acre.

This is an important Fall and Winter salad. For the early crop, the seed should be sown in April, in drills 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows. Sowings for the main crop may be made in June and July, as the vegetable is used principally in Fall and Winter.

**HOLMES' GOLDEN HEART.** This is a vigorous grower and produces an attractive very compact plant. As the plant develops, the center changes from green to a beautiful creamy yellow. The leaves are crisp and tender with a delightful flavor. **Pkt., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.**

**GREEN CURLED.** Dark green leaves, beautifully curled and, when blanched, very crisp and tender; ready for use earlier than other sorts. Our strain is extra fine. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.**

**WHITE CURLED.** Has tender, curly leaves of silvery green. The inner leaves blanch themselves. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.**

**BROAD-LEAVED BATAVIAN** (Escarolle). The broad, thick leaves make excellent salads when blanched. **Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.**



Horseradish Root.

## Horseradish Roots

Mark off the rows 2  $\frac{1}{2}$  feet apart, and set the roots 18 inches apart in the rows, the small ends down and the tops 1 to 3 inches below the surface.

**MALINER KREN.** A variety from Bohemia, producing very large, pure white roots. **Strong sets, \$1.25 per 100; \$10.00 per 1000.** 1000 roots weigh about 50 pounds. If wanted by mail, include postage.



Holmes' Golden Heart Endive.





Sage.

## Garlic Sets

Garlic sets or bulbs are planted in early Spring in rows 1 foot apart, placing the sets 4 inches apart in the rows, 2 inches deep, or in the same manner as multiplier onions. Garlic is used for flavoring purposes. **Bulbs, ¼ lb., 20c; lb., 60c, postpaid.**

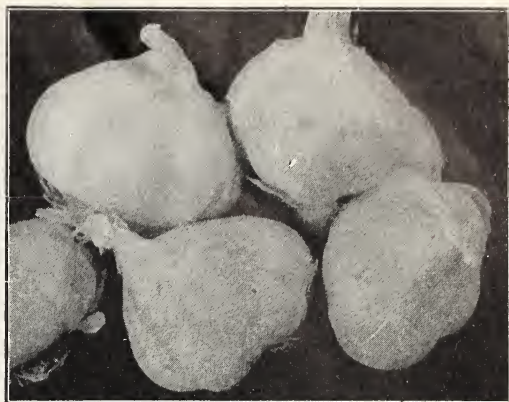
## Herbs

**Sweet, Pot, Culinary, Medicinal.**

Herbs delight in a rich, mellow soil. Sow in early Spring in shallow drills one foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties in the list marked (\*) are perennials.

	Pkt.	Oz.
<b>ANISE</b> .....	\$0.15	\$0.15
<b>*CARAWAY</b> ..	.10	.15
<b>CHERVIL</b> ...	.10	.25
<b>*CORIANDER</b> ..	.10	.15
<b>DILL</b> .....	.10	.15
<b>*FENNEL,</b>		
Sweet .....	.10	.15

	Pkt.	Oz.
<b>*LAVENDER,</b>		
Sweet .....	\$0.10	\$0.25
<b>SAGE</b> .....	.10	.20
<b>SUMMER</b>		
SAVORY ..	.10	.20
<b>SWEET MAR-</b>		
JORAM ...	.10	.25
<b>*THYME</b> ....	.10	.40



Garlic.

## Kale, or Borecole

One ounce of seed sows 200 feet of drill; 4 lbs. per acre.

Kale or "German Greens" does not form heads, but furnishes an abundance of pretty curled leaves that are highly prized for food. Sow from the middle of April to the beginning of May; transplant and cultivate like cabbage. Will endure considerable frost without injury.

**DWARF GREEN CURLED SCOTCH.** Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Hardy. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 2 lbs., \$1.85; 5 lbs., \$4.40.**

**BLUE CURLED SCOTCH.** (New). More hardy and of dwarfer habit than Dwarf Green Curled Kale and has a rich bluish color. It is very short stemmed and of spreading habit with finely curled leaves. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 2 lbs., \$1.85; 5 lbs., \$4.40.**

## Leeks

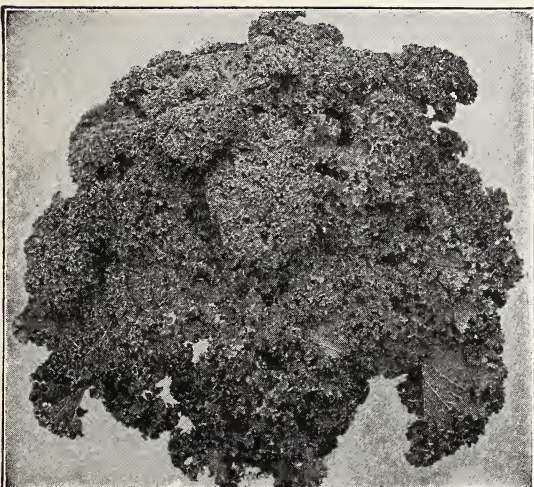
Cultivate the same as onions.

**AMERICAN or LONDON FLAG.** A hardy kind; large strong plants with broad leaves. **Pkt., 10c; ½ oz., 15c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.**

## Garden Guide

**Amateur Gardener's Handbook.**

Tells how to plant and grow vegetables, flowers and fruit. Covers every step from spading the ground to preserving the harvest. 388 pages. 275 illustrations. **Price, cloth, \$1.65.**

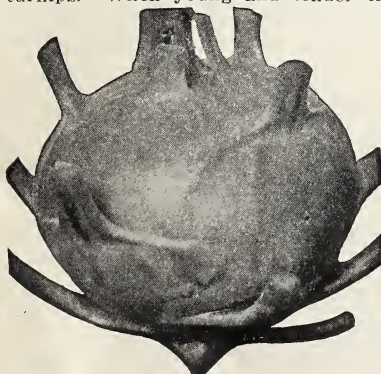


Dwarf Green Curled Scotch Kale.

## Kohl-rabi

One ounce of seed sows 300 feet of row; 4 lbs. per acre.

The turnip-shaped bulb formed above the ground is the edible part. The flavor seems to combine that of cabbage and turnips. When young and tender they are fine for table use, when matured they keep splendidly and are excellent for feeding stock.



Kohl-rabi.

**EARLY WHITE VIENNA.** Greenish white outside, with clear flesh within. Fine in quality. **Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.75, postpaid.**

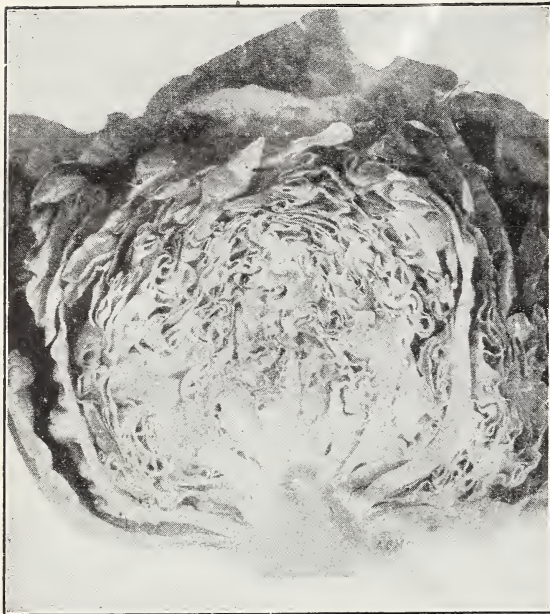
**EARLY PURPLE VIENNA.** Same as above, except in the outside color. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00, postpaid.**

*East, West, Holmes' Seeds Are Best.*



Leeks.





Field of Big Boston Head Lettuce.

## Lettuce

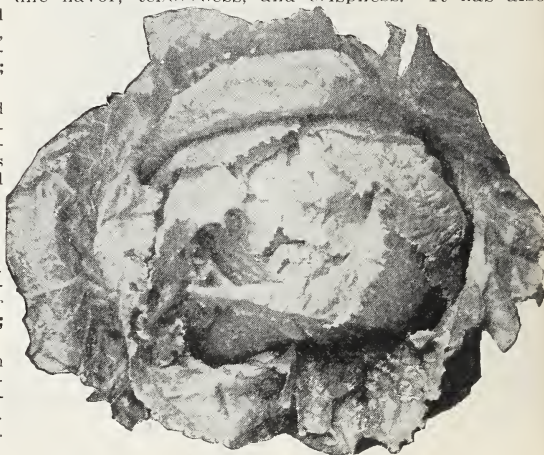
One ounce will produce from 2000 to 3000 plants;  
3 pounds will sow an acre.

Lettuce may be grown in every garden. Use good commercial fertilizer, which should be raked in after digging. Sow seed as soon as ground can be worked, and thin out as desired. If for heading, leave plants 8 to 10 inches apart. If for cutting, they may be left much closer. Successive sowings may be made until about August 5th. Constant cultivation is necessary.

**Big Boston** (Proven Stock). Without a doubt the finest and largest head Lettuce for the gardener who looks for the best. The leaves are fine, thin, broad and smooth, of a beautiful light green, forming heads measuring over 12 inches across. The compact heads, when cut, reveal a very solid, beautiful pale greenish white and pale yellow heart of remarkably fine flavor, tenderness, and crispness. It has also proved very much in demand as a large forcing sort, as well as for Spring and Fall planting. Bright light green in color, slightly tinged with reddish brown. The quality of this Lettuce is excellent, and it is a fine shipper. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.00.**

**White Boston** (Special). We have an unusually good type of White Big Boston that is absolutely true to type. It resembles the Big Boston in appearance, with leaves a trifle smoother than most varieties of White Boston and which do not turn red in cool or cold weather; it will cut as many crates per acre as the regular Big Boston. Due to not turning red, it will bring 50c per crate more than the Big Boston, which makes it a valuable shipper. The commission men are always anxious to get hold of a good stock of well grown **White Boston for all summer.** This is the type to please them. It is an exceptionally fine variety for growing under cold frames or for the first planting outside in Spring. **Pkt., 10; oz., 25c; ¼ lb., 75c; lb., \$2.50; 5 lbs., \$11.25.**

**Crisp-as-Ice** The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name Crisp-as-Ice. Glossy leaves are thick, nicely crimped and curled. Heads when cut open, have a rich, creamy yellow heart. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**



Crisp-as-Ice Lettuce.

Holmes' Lettuce Seed is known for its  
trueness of type. None Better.



Grand Rapids Lettuce.

**Iceberg** Hard-heading. Medium sized plants, producing large, conical heads. Outer leaves light green, curly, and finely fringed. Hearts are of a beautiful white color, crisp and tender. Fine appearance and mild flavor. This variety is quite commonly confused with New York, but it is really distinct, being very much lighter in color. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.00.**

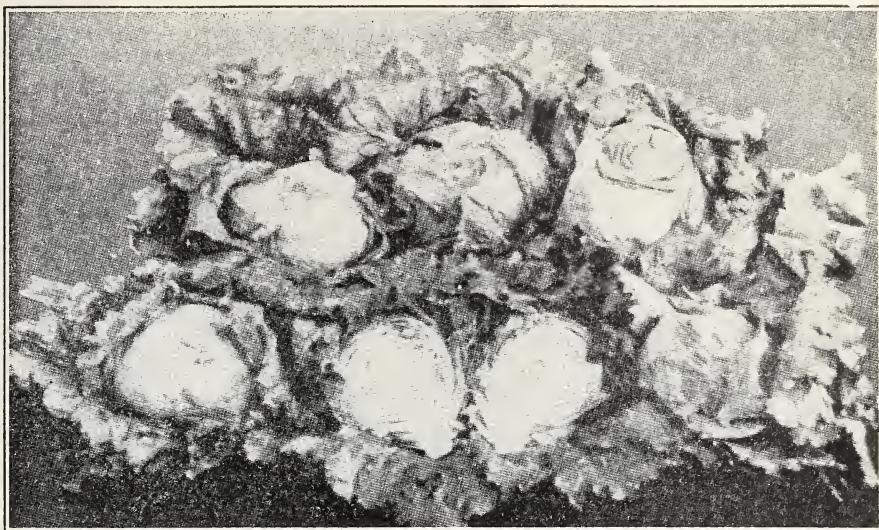
**Holmes' Giant Crystal Head** Our strain of this excellent Lettuce is unexcelled for quality; produces big, compact butter heads, yellow as gold inside, delicious, sweet, tender and crisp. **Holmes' Giant Crystal Head** stands hot weather remarkably well. Try this wonderful Lettuce. **Pkt., 15c; oz., 40c; ¼ lb., \$1.00; lb., \$3.50; 5 lbs., \$16.00.**

**Grand Rapids** One of the very best of the loose-leaved varieties. In color, a clear, pale green, suggesting coolness and crispness, and as pleasing to the palate as to the eye. No more appetizing dish can be placed on your table than a plate of Grand Rapids. The leaves are crumpled and curled, very tender and brittle. As the leaves grow upright, it can be planted fairly close and will not rot because it does not come in contact with the ground. An excellent forcing sort. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.00.**



**LETTUCE—Continued.****New York (Special)**

Is a selection from New York which is the best known lettuce in the entire country. Our grower has been working on this special strain for several years and we are putting the results on the market in a limited way this season. **Earlier and more Profitable**, this special strain is at least a week earlier in heading than any strain of New York ever seen. It makes a nice, hard, uniform head, most of them ready for market at the same time. Last year a grower harvested 20 acres, 62 days from planting, which cut 90% of U. S. Fancy Grade, large fine solid heads. Wherever tried out the last season, it had anything "licked off the map" and sold at a premium over other strains. **Place your orders in advance.** We strongly advise all growers to give it a thorough trial this season. The seed supply is very limited. Until our stock is exhausted, we offer it at the following price. **Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 5 lbs., \$13.75.**

**New York (Special) Lettuce. Earlier and More Profitable.**

**NEW YORK (Wonderful).** Also called Los Angeles Market and Mountain Iceberg. Hardy, producing closely folded solid heads of immense size, blanched to a creamy white. Heart is solid, very sweet, tender and crisp and free from bitterness. The outer leaves are a deep rich green and slightly curled on the edges. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.**

**ALLHEART.** An early Spring variety and very well adapted for use in muck soils. Heads are of a delicate yellowish green color, crisp, of excellent flavor, and very solid. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.**

**MAY KING (Wayahead).** This is practically the earliest head Lettuce. It is a very quick grower; heads are medium-sized and light green. The inside is a rich buttery yellow. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

**BLACK-SEEDED SIMPSON.** Produces a mass of light green, curly leaves, each individual plant attaining a large size. Very fine. One of the most desirable varieties for the home-garden as well as for market. Grows very quickly. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.**

**PRIZE-HEAD EARLY.** Not a true head Lettuce; produces a large bunch of tender, crumpled and frilled leaves, heavily tinged with brown. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.**

**HANSON.** It matters not whether grown to head in the early Spring or in the hottest days of Summer, the leaves are always crisp and tender. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.**

**WINTER LETTUCE.** A variety for sowing

**Creamy Heart Lettuce.**

in the Fall for wintering over to have early Head Lettuce the first thing in the Spring. **Pkt., 15c; oz., 30c; ¼ lb., 80c; lb., \$2.50.**

**CREAMY HEART.** This new introduction shows no brown spots on edges. It has a creamy butter heart, crisp and tender. This variety has received most favorable recognition wherever grown as a late spring or early summer crop. It is worthy of a trial. **Pkt., 15c; oz., 25c; ¼ lb., \$1.00.**

**EARLY CURLED SIMPSON or SILESIA.** Loose, curly leaves; fine for cutting in the home garden. **Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.**

**GIANT WHITE COS, or ROMAINE.** Also called Celery Lettuce. It differs from other Lettuce in the shape of the leaves, which are long-spoon-shaped, upright. If the tall, narrow leaves are drawn together and tied they blanch the inner leaves. Try it. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.50.**

**Giant White Cos or Romaine Lettuce.**

Your Holmes' Emperor Celery is all that you claim for it. Best flavored celery I ever ate. My friends say that they never ate such good celery before, so I am sending for two extra packets for them. Also your Everbearing Tomato, Fireball Beet, and Copenhagen Market Cabbage are just fine.—MRS. RALPH FORBES, Penna.

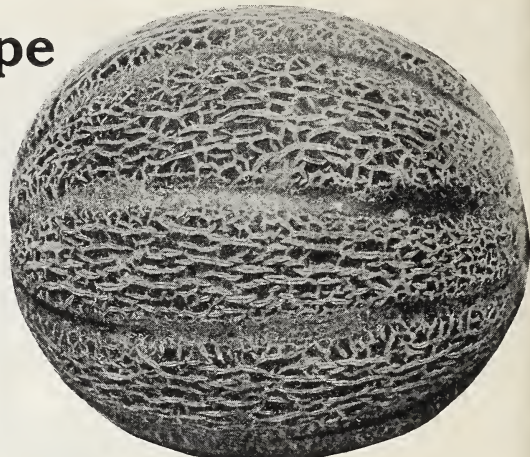


# Muskmelon or Cantaloupe

One ounce will plant 50 hills; 2 to 3 lbs. per acre.

Early in May plant in hills 4 feet apart, dropping 6 or 8 seeds to the hill. When large enough, thin out to four strong plants. If small beetles appear, dust with slaked lime. Spray with Pyrox to prevent blight, and cultivate freely till the vines cover the ground.

**BENDER'S SURPRISE.** A grand Melon for both shipping and the home market. We have never seen a Melon quite equal to the Bender in fine flavor, size and keeping qualities combined. The Melons are round to oval in shape, ribbed and partly covered with netting. The flesh is very thick, especially so at the blossom end so that the Melons rarely crack. When ripe, the Melons turn a golden tint which shows through the netting and gives the fruit a very attractive appearance. The size of the Melons averages quite large, many weighing 10 pounds or more. We have had Melons that weighed 16 pounds. A valuable point about these Melons is that they will keep in good condition five or six days after picking, and actually improve in flavor during that time. The flesh is so firm and thick that the Melons remain firm and in good condition much longer than other large Melons of this class. For market and shipping this is an important consideration. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75; 2 lbs., \$3.20; 10 lbs., \$15.00.**

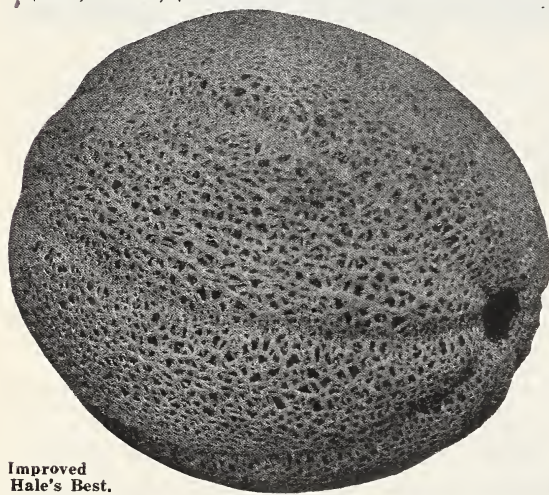


Bender's Surprise.

**IMPROVED HALE'S BEST.** This wonderful new Cantaloupe has certainly proven to be a moneymaker. It is ten days earlier than Rocky Ford types thus bringing the high prices of the first on the market. It is oval with a solid net. The flesh is thick and firm, orange color, sweet and luscious. It is a splendid shipper, staying firm for several days after being picked on a full slip. Its size, extreme earliness, fine shipping and long-keeping qualities make it one of the most valuable varieties for commercial growers. Our stock was grown privately for us in Colorado. The seed we offer was all grown from personally selected stock seed. Last season in this country 20,000 acres were planted to Hale's Best. Give it a trial. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 10 to 25 lbs. at \$1.25 per lb.**

**SUGAR ROCK.** Sweet as Sugar and Solid as a Rock. Fruits are oval and medium in size and are not ribbed. Has a deep orange flesh with a wonderful sweetness. It is one of the most prolific varieties grown, with five to seven perfect fruits often produced on one vine. The rind is so tough and flesh so firm that they can be allowed to ripen on the vine and be shipped long distances. It is distinct from all other sorts. Matures its fruit in about 85 days from seed. We want you to try it on our recommendation as it is a real money-maker. Seed grown by the originator. **Pkt., 15c; oz., 40c; ¼ lb., \$1.00; lb., \$3.00.**

**HEARTS OF GOLD (Hoodoo).** Undoubtedly one of the best of the orange-fleshed varieties. The Melons are medium in size, but present a very fine appearance, the rind being very firm and closely netted. The flesh is a rich deep orange in color, very fine grained and deliciously sweet. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.75; 5 lbs., \$6.25.**



Improved  
Hale's Best.

**LAKE or GOLDEN CHAMPLAIN.** If your season is a short one, or if you want to get the first Melons to your market from your section, use Lake Champlain. Those Muskmelons which are commonly planted take from 70 to 90 days to mature. This one will be ready far ahead of any of them, and is the earliest we have seen. It is very productive, as is evidenced by one grower's crop of 1,975 half-bushel baskets to the acre. The plant is very vigorous and healthy, setting and ripening Melons rapidly even under adverse conditions. The Melons are medium sized, of the Hackensack shape, and nicely netted. The flesh is deep, very sweet and a beautiful golden yellow color. **Pkt., 15c; ½ oz., 25c; oz., 35c; ¼ lb., 45c; lb., \$1.50; 2 lbs., \$2.75; 5 lbs., \$6.25.**

**TIP-TOP.** The fruits are large, nearly round, and the skin, when mature, is greenish yellow, slightly netted. The deep salmon flesh is thick, delicious in quality, and it ripens clear to the rind. It is a fine shipper, distinct and most attractive in appearance. Select hand-cut seed. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 2 lbs., \$2.50; 5 lbs., \$6.25.**

**EXTRA EARLY OSAGE.** A week to ten days earlier than the old type Osage and nearly as large; flesh very thick, salmon colored and of high quality. Form, color and general appearance similar to Osage. One of the very best Melons. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.75; 5 lbs., \$6.25.**

**EMERALD GEM.** An old standby. Extra early; slightly flattened in shape; distinctly ribbed and lightly netted; flesh deep salmon-orange, thick and very sweet. A fine Melon for home gardens and local markets. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.25; 5 lbs., \$5.25.**

**EXTRA EARLY KNIGHT.** It is one of the earliest, high-quality Melons for the northern states, and can be depended upon to mature fine eating Melons when all other varieties fail. Under ordinary conditions, the first fruits will ripen in 90 days from the time the seed is sown. Extra Early Knight Melons are oblong in shape, averaging 6 inches long by 4 inches through, with very small seed cavities and thick, green flesh of a most delicious sugary flavor. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

Our melon seeds and everything else came swell.  
MRS. GEO. H. SMITH.  
Ohio.



Hearts of Gold.



# Watermelon

One ounce of seed will plant 30 hills; 3 to 4 lbs. per acre. A rich soil is necessary; hills should be 8 feet apart each way. In warm, sandy soils fine crops are often obtained, if plantings are made in May. Plant 8 to 10 seeds to the hill, covering one inch. When plants form first leaves, thin to three plants to the hill.

**COLE'S EARLY.** A Splendid Melon for the North. Melons seldom over 12 inches long and 9 inches in diameter, but what they lack in size they more than make up in number and quality. Rind green, striped a lighter shade. Flesh bright red, crisp, delicate texture, juicy and sparkling, sweet and luscious. Very early and will mature large crops in the northern states. Seeds black. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.**

**IMPROVED KLECKLEY SWEET.** In this new strain now offered there is developed a melon with a shell hard enough to carry to market, having been carefully selected for a series of years for this result. The rind is not thick, but the skin is so hard and tough that it resists the jolts and jars of travel to a remarkable degree, and at the present time is the favorite shipping melon and rapidly growing in favor. The melons grow 18 to 24 inches in length, 10 to 12 inches through, averaging about 25 pounds in weight, oblong in form, with very dark-green skin, flesh deep scarlet red, with solid heart, stringless, with few seeds, set near the rind. Don't fail to plant "sweetest of all"—the best home and near-by market watermelon yet introduced. Select stock seed true to name (saved from the largest and best melons). **Per pkt., 10c; oz., 15c; ¼ lb., 30c; per lb., \$1.00; 10 to 25 lbs., at 90c per lb.**

**HALBERT HONEY.** One of the best Melons grown. The fruits are long, blunt at both ends; skin a rich, glossy green; the flesh a beautiful crimson; quality delicious; very prolific. **Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.**

**HARRIS' EARLIEST.** An extra early Melon of excellent quality. Slightly oval with irregularly mottled broad stripes of light and dark green. Flesh bright red, sweet and crisp. One of the best for the North. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80; 5 lbs., \$4.20.**

Halbert Honey Watermelon.

**TOM WATSON.** A tough-rind shipping Melon, superior to any other of its class. The Melons measure 18 to 24 inches long by 10 to 12 inches in diameter, and weigh from 50 to 60 pounds. The dark green rind is tough but thin. The luscious deep red flesh extends to within one-fourth inch of the green rind. **Pkt., 10c; oz., 15c; ¼ lb., 35c; ½ lb., 50c; lb., 85c; 2 lbs., \$1.55; 5 lbs., \$3.60; 10 lbs., \$6.35, post-paid.**

**COLORADO PRESERVING CITRON.** Medium sized, round, dark green fruits, marbled with light green. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.**

## Okra or Gumbo

One ounce will sow 100 feet of row; 8 pounds will sow an acre.

Sow after soil is warm, in rows 3 feet apart, 18 inches apart in the row. The pods are used for soups and stews. The pods should be gathered while still young and tender.

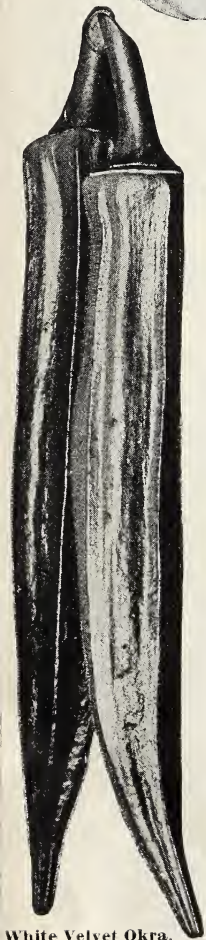
**PERKINS' MAMMOTH.** This variety is about 3 feet high, very early and productive. Pods are deep green, very long, slender, slightly corrugated, very tender and of good quality. A fine market variety. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 2 lbs., \$1.00.**

**WHITE VELVET.** Grows 3½ feet high; is early and productive. Pods are creamy white, long, smooth, slender, and tender. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 2 lbs., \$1.00.**

## Mustard Used for Greens and Salads

One ounce will sow 100 feet of row; one pound will sow an acre in drills; two pounds if broadcast.

**OSTRICH FEUME.** Has long, slender, plumelike, finely curled leaves of a deep green color, with edges deeply cut. Stands a long time before running to seed. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c; 2 lbs., \$1.35; 5 lbs., \$3.20.**



White Velvet Okra.

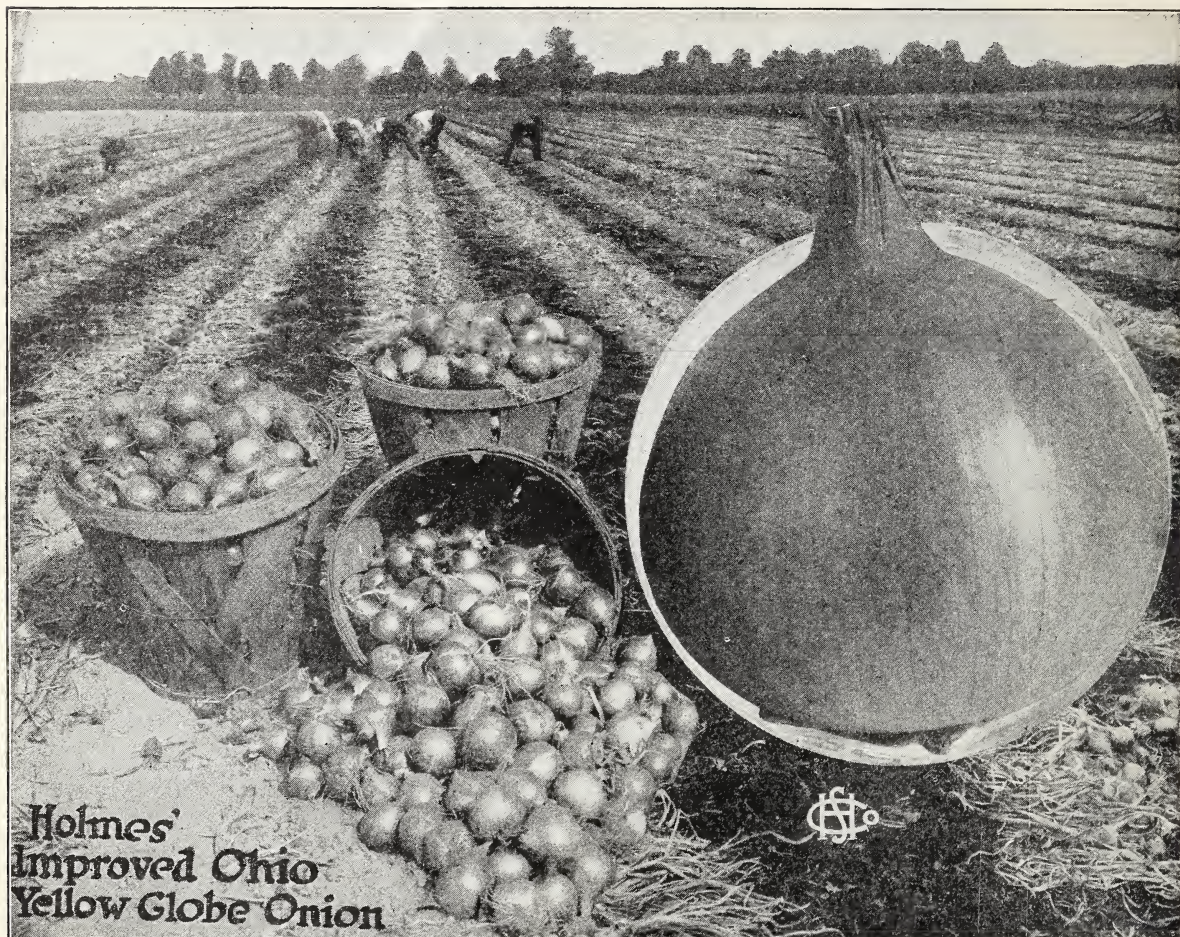


Cole's Early.

## Mushroom Spawn

**BOTTLE STERILE.** This guarantees spawn to be 100% pure, to be full run, no waste material at all, every particle can be used; no insect eggs, no weed seeds, no moulds or infection that the Brick Spawn is subject to. It is almost certain to produce a large crop, when the beds are properly prepared, and the cost is no greater than the old Brick Spawn per square foot of surface planted. This variety is a superior type of spawn. It is easily twice as dependable as the old Brick type. One carton will spawn 30 to 40 sq. ft. "Mushroom Culture" free on application. 1 to 10 Cartons, \$1.00 each, post-paid; 10 to 50 Cartons, 90c each, by express.





## Bred-right ONION Seeds

### Our Great Specialty

One ounce will sow 100 feet of row; 5 lbs. per acre.

Soil should be well fertilized. For early crop, sow seed in cold frames in February, transplanting when large enough to handle. Open ground sowing should be made right after frost has gone. Sow one-half inch deep in rows 12 inches apart. If thinning is needed, the young plants may be used for salad. Keep free from weeds. Care should be taken in cultivating not to go too deep and not to cover the bulbs.

#### Holmes' Improved Ohio Yellow Globe (Special Selected)

This is probably the type of Yellow Globe Onion most widely used in America, and there is no finer strain than that we offer. It is early, a reliably large yielder and keeps well. It is pure, deep yellow, with firm, hard, white flesh, mild and of excellent flavor. It is of true globe shape, with a flattened base, and the slender neck cures down to almost nothing. It matures quickly and can be put on the market early, where, on account of its fine appearance, it finds ready sale. No one makes a mistake when planting **Holmes' Improved Ohio Yellow Globe**. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00; 5 lbs., \$9.75.

#### Yellow Globe Danvers

By very careful selection and breeding this strain has been developed. It is a main crop Onion which has retained the small neck and the uniformity of ripening. The bulbs, of medium to large size, are uniformly globe-shaped, with small neck; ripen evenly and are of a rich, coppery yellow color. The flesh is creamy white, crisp, solid, and of mild and excellent flavor. An excellent keeper, and a very fine shipping Onion. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75; 5 lbs., \$8.50.

#### Southport Yellow Globe (Specially Selected.)

Bulbs large-sized, deep globe-shaped, slight tapering, small neck; cures well, good keeper, of bright yellow color, excellent quality. We urge every grower to try this Holmes select strain. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75; 5 lbs., \$8.50.

**SOUTHPORT WHITE GLOBE.** The finest of all white Onions. A good shipper and keeper. Our stock has the true globe shape, full at the base and shoulder. Crops raised from our seed have given excellent results to others; they will do the same for you. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

#### Ebenezer or Japanese

This is the mildest yellow Onion in our list. The Onions are large (often 4 inches in diameter), somewhat flattened, have attractive yellow skin and firm white flesh of delicate flavor; very small top and ripens quite early for so large a variety. One of the best keeping sorts. Sow in Spring for sets to plant out the following Spring for large Onions. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25; 5 lbs., \$10.90.

**MARKET GARDENERS AND THOSE WHO USE ONION SEED IN LARGE QUANTITIES SHOULD ASK US FOR SPECIAL PRICES**

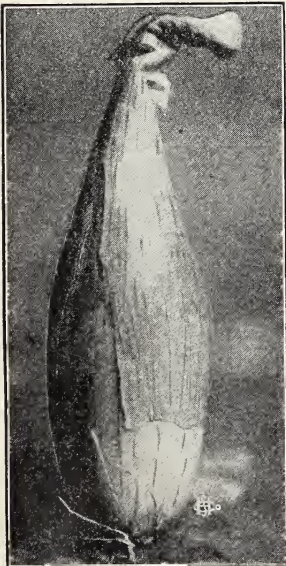




Mountain Danvers Onion.

**SOUTHPORT RED GLOBE.** This most excellent main crop Onion produces medium to large sized, perfect globe-shaped bulbs, with small neck, smooth and glossy, and of deep, purplish red color. Flesh is white, tinged with light purple, fine grained and tender, but rather strongly flavored. One of the best keepers and fine for shipping. **Pkt., 20c; oz., 25c; ¼ lb., 65c; lb., \$2.00; 5 lbs., \$9.75.**

**MOUNTAIN RED GLOBE.** An extra early strain of Southport Red Globe. This stock is the result of seven years' careful selection by the same grower who developed Mountain Danvers. Having been acclimated to a climate at 5000 feet elevation, it has now been developed as an extra early type of Southport. Its color and shape, its thin neck, and its uniform size make it an invaluable type. It will mature within a few days of Mountain Danvers. This stock is also highly recommended for set growing. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50; 5 lbs., \$11.25.**



Bottle Onion.

## Bottle Onion<sup>n</sup>

This Onion has been grown for many years in certain sections. Its great merit deserves that it should be known universally. It is absolutely unsurpassed in flavor, being mild and sweet like the Spanish Onion. Its great length makes it a fine bunching onion, and it is also excellent for slicing. It yields well, and is a good keeper. If you give this onion a trial, you will never be without it. Genuine stock. **Pkt., 15c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00.**

**Bottle Sets, lb., 40c, postpaid. By express, ¼ bu., \$1.50; bu. (32 lbs.), \$5.00.**

This store has no connection with any other seed store.

**MOUNTAIN DANVERS.** These are grown privately for us in Colorado at an elevation of 5000 feet. The variety has established itself firmly with the large commercial growers. The fact that it will mature a hard, uniform bulb fully ten days ahead of Yellow Globe Danvers is of great importance to those who seek to take advantage of the early markets. Its earliness is partly due to the high altitude at which it is grown, and partly due to the fifteen years of careful selection by the grower. The bulb is apple-shaped, with a thin neck, very solid and has excellent keeping and shipping qualities. Flavor is mild. The illustration on this page gives a definite idea of the type which is medium globe. **Mountain Danvers** has been saved from selected bulbs which were grown definitely for seed purposes. This is in no sense by-product seed and must not be confused with such stock that can be sold at much cheaper prices. Our strain shows a high purity both in type and color. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50; 5 lbs. or more at \$2.25.**

**PRIZETAKER.** (Improved). When matured, this variety will reach a diameter of 4 inches and, under special cultivation, will weigh as much as 4 pounds. For Fall and early Winter use, it is highly recommended. The color of the outside skin is a rich yellow, while the inside flesh is white, mild and sweet. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00; 5 lbs., \$9.75.**



Mountain Red Globe Onions.

**WHITE PORTUGAL or SILVERSKIN.** Bulbs grow to a good size, ripening early, and have a somewhat flattened shape. Flesh is mild and sweet, the thin skin silvery white. One of the best for slicing or boiling, also pickling. Largely planted for producing white sets. **Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, 5 lbs., \$10.00.**

**EXTRA-EARLY BARLETTA.** A small, pure white, mild and delicate Onion. These are mainly planted to produce small Onions for pickling. **Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.**

**LARGE RED WETHERSFIELD.** A very popular standard variety, with handsome, large, bright red, smooth bulbs which are flat on the bottom. The flesh is fine grained and firm, purplish red in color, rather strongly flavored, but pleasant. **Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.**

## Onion Sets

Prices on Onion Sets are Subject to Change with the Market.

1 lb. plants 40 feet of row; 8 bushels per acre.

**YELLOW SETS.** Sound and clean. **Lb., 25c.**

**WHITE SETS.** Silverskin. **Lb., 35c.**

**EBENEZER or JAPANESE SETS.** **Lb., 25c.**

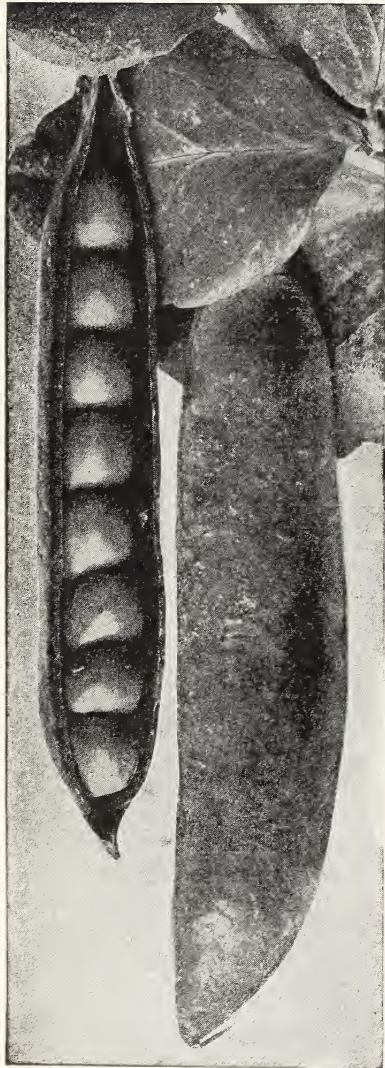
Above prices postpaid.

Write for prices on larger quantities.





Extra Double Curled Parsley.



Hundredfold Peas.

## Parsley

One ounce will sow 150 feet of row; 3 pounds will sow an acre.

Parsley thrives in a deep, rich, mellow soil, very finely pulverized. As the seed germinates very slowly, sow as early as possible in the Spring, in rows 12 inches apart. Cover with one-half inch of fine soil, pressing it down firmly. When the plants are well up, thin to 1 to 2 inches apart in the row. Seed will germinate more rapidly if soaked over night in slightly warm water. During the hot Summer, Parsley may turn brownish red. To prevent this plant a taller growing crop next to it, so that it has partial shade.

**CHAMPION MOSS CURLED.** A compact-growing, densely curled selection. Our stock is popular owing to the very dark green color, strong stems, extreme uniformity. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.90.**

**EXTRA DOUBLE CURLED.** This excellent strain is very vigorous, growing short, stiff stems, with compact, finely cut, very densely curled leaves of an extremely dark green color. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.90.**

**HAMBURG or PARSNIP-ROOTED.** This variety is grown for the roots, which mature early, are short, thick and in appearance like a parsnip, although smaller. Flesh is white, a little dry and flavored somewhat like parsnips. **Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00; 2 lbs., \$1.90.**

**PLAIN-LEAVED.** The very dark green leaves are flat, deeply cut, but not curled. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs., \$1.80.**



Hollow Crown Sugar Parsnips.

## Parsnip

One ounce will sow a row 200 feet long; 5 to 6 pounds to the acre.

Parsnips need a deep, loose, rich soil to produce straight, smooth clean roots. Sow seed as early in Spring as weather permits, when soil is warm. Make rows 1½ feet apart and sow seed in rows; cover seed one-half inch when soil is moist; then when plants are 3 to 4 inches high, thin them out to 4 inches between the plants.

**HOLLOW CROWN SUGAR.** The roots are about 12 inches long, with smooth white skin, uniform in shape, tapering evenly from a heavy shoulder down to a small root. The flesh is tender, sugary and of best quality. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 85c.**

**THICK-NECK HOLLOW CROWN.** A very excellent Parsnip. Some prefer the thicker neck of this variety. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 85c.**

## Garden Peas

One pound will plant 100 feet of row; 120 pounds will plant an acre.

The very early, round-seeded sorts may be sown as soon as ground is fit; the wrinkled sorts a week or so later. Further sowings may be made at intervals as needed, but best results are secured from early sowings. A good Fall crop may often be raised by planting the extra early sorts about August 1st. Peas should root deeply to grow well. Let the furrows be broad at the base so the seed may be well distributed; this is preferable to double rows. The rows should be spaced 2 feet apart for dwarf sorts, 3 feet for the medium high, and 4 feet for the tall late sorts. Peas under 3 feet high grow well without support.

**HUNDREDFOLD.** The most popular Pea. Immense pods containing 8 to 10 big peas of delicious flavor. This is, without doubt, the very best dwarf Pea; the best flavored and the largest podded dwarf sort in existence. It is ready about three days after the earliest sorts, and bears an enormous crop of handsome, intensely dark green, fairly broad and pointed pods. The vines are 16 inches high, sturdy, and resist heat well. **Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid. 25 lbs., \$6.50; 100 lbs., \$24.00.**



**ALASKA.** An extra early sort, producing dark green colored pods in 45 days, making it a desirable shipping variety as it will carry a long distance without losing its color. Vines grow  $2\frac{1}{2}$  feet high. A prolific bearer. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$5.00; 100 lbs., \$18.00.

**HOLMES' EARLY MARKET.** We offer it in preference to Alaska, which is two or three days earlier, because of its larger pod, higher sugar content, and more prolific bearing qualities. These features make it a more desirable variety for the general planter. In quality Holmes Early Market, when gathered young in the Spring, is hardly surpassed. This variety does not need brushing. The pods average  $2\frac{1}{2}$  to 3 inches. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.25; 100 lbs., \$20.00.

**AMERICAN WONDER.** Vigorous, productive. Very popular with private and market gardeners. Peas wrinkled, height of vine 12 inches. Pods  $2\frac{1}{2}$  inches long, round, crowded to the end. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.25; 100 lbs., \$20.00.

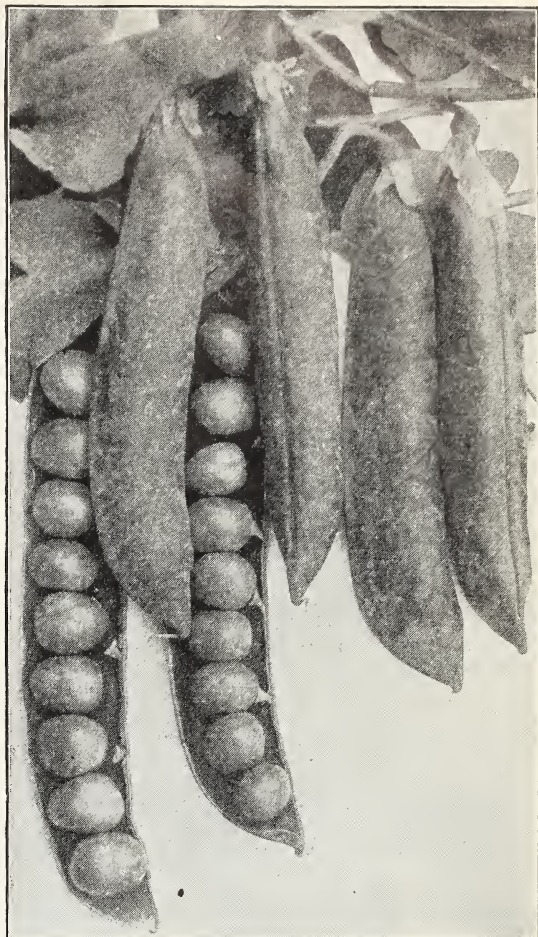
**NOTT'S EXCELSIOR.** One of the best dwarf wrinkled Peas; hardy and vigorous, and will mature almost as soon as the smooth varieties. Frequently ready in 55 days. The pods are filled with 7 to 9 large peas. Of superior flavor. Height 18 inches. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 25c; 2 lbs., 60c; 5 lbs., \$1.40; 10 lbs., \$2.60, postpaid. 25 lbs., \$5.25; 100 lbs., \$20.00.

**LITTLE MARVEL.** Extra early. Plants grow 15 inches high, well filled with rich, dark green pods, containing 5 to 7 large peas of finest quality. Fine for market or home garden. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.25; 100 lbs., \$20.00.

**PREMIUM GEM or LITTLE GEM.** Delicious Peas crowded tight into pods  $2\frac{1}{2}$  to 3 inches long. Very prolific. Vines grow only 12 to 15 inches high. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.40, postpaid. 10 lbs., \$2.60; 25 lbs., \$5.25; 100 lbs., \$20.00.

**LAXTON'S PROGRESS.** We consider this to be the most advanced development of the well-known dwarf Laxtonian type. This pea is very similar to Laxtonian except that the pod is slightly longer and darker in color. It will mature about four days earlier than Laxtonian, Blue Bantam or Peter Pan. Vines grow only 15 inches high. It is a prolific bearer and the handsome appearance of the rich, dark green pods assure a ready sale. The rich flavor of this pea is unsurpassed. Do not fail to give it a trial. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid. 25 lbs., \$6.50; 100 lbs., \$24.00.

**WORLD'S RECORD.** An earlier strain of the well known Gradus Pea and does not grow quite as tall, averaging about 2 ft. in height. The medium green moderately stout vines, however, are more productive, bearing medium green pods, 4 inches long, which are fairly broad, pointed and well filled with from 7 to 9 very large dark green peas of exceptionally fine quality. Comes to maturity three days before Gradus. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80; 10 lbs., \$3.35, postpaid. 25 lbs., \$6.00; 100 lbs., \$22.00.



World's Record.

**GRADUS or PROSPERITY.** A very dependable and productive variety; with the exception of World's Record, the earliest of the wrinkled Peas. Vines 3 feet tall and robust; pods about 4 inches long, broad and pointed, medium green in color; quality excellent. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$21.00.



Holmes' Early Market.



**EARLY BIRD.** Very early. A hardy, semi-wrinkled blue-seeded sort, growing 22 to 24 inches in height, with dark green semi-broad, pointed pods 4 inches long, well filled with 8 to 9 very large, dark green peas. Nearly as early as Alaska, hardy and exceedingly productive. Seed of high quality. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$21.00.

**THOMAS LAXTON (IMPROVED).** Large pods tightly filled with big, rich flowered Peas. Ready to pick in 55 days. One of the best early Peas, yields heavily; plants 20 inches high, need no support. This improved strain is far superior to the regular strain in that it is more vigorous, the plants yield 25 to 40 per cent more pods and the pods are exceedingly uniform and have a richer deep green color. Be sure to grow these. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$21.00.

**LAXTONIAN.** A leading dwarf type. It is one of the most desirable of the large-podded dwarf wrinkled series and is very productive. The dwarf, vigorous vines do not require brush, and, although only 18 inches high, ordinarily bear a very heavy crop. The pods will average about 4 inches in length, and because of their dark green color, invariably find interested buyers. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$21.00.

**POTLATCH.** The best of all large-podded semi-dwarf Peas. Potlatch has become one of our most popular sorts, the demand for this excellent variety among our market gardener friends being enormous; it is not only a favorite sort with them but is equally popular for the home garden. The vines grow 20 to 24 inches high, with unusually dark green foliage. Long pods of a rich dark green color, often measuring 6 inches or more in length, with 9 enormous peas in a pod are produced in about 68 days. The growth of vine is sturdy and pods are borne in pairs; it is a wonder in productiveness. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$20.00.

**DWARF TELEPHONE (Carter's Daisy).** A main crop variety popular with gardeners. Vine and foliage exceptionally stout, medium green in color; height, 2 ft. Pods medium green, 4 inches long, broad, straight and pointed, containing 7 to 8 peas. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$22.00.

**ALDERMAN.** Tall in growth (4 to 5 ft.), heavy vine, pods large in size (from 4 to 5 inches long) straight, broad, pointed, of dark green color containing 8 to 10 peas in each pod: excellent quality. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid; 25 lbs., \$5.50; 100 lbs., \$20.00.

**TELEPHONE (Improved).** A fine strain, vine strong and vigorous, 4 feet high, pods dark green 4½ inches long, broad, pointed and containing 8 to 9 medium green peas. Very productive.

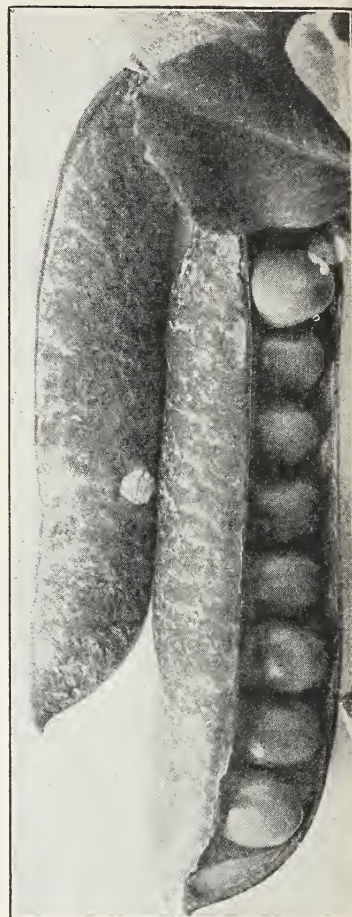
Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$20.00.

#### MAMMOTH LUSCIOUS SUGAR PEAS.

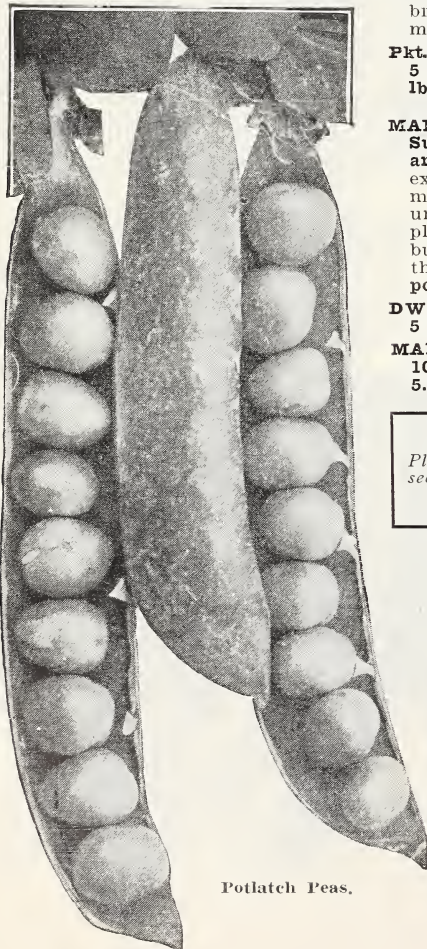
Sugar Peas are not shelled. The pods are cooked like snap beans. Without exception the largest, sweetest, purest, most desirable of all Sugar Peas. The pods, when fully grown, will measure 6 to 7 inches long and 1½ inches broad, and they are delicious. The plants grow about 3 feet and do best when supported with wire, string or bush but most growers do not give them any support. Be sure to grow them. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$22.00.

**DWARF GRAY SUGAR PEAS.** Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.50; 100 lbs., \$20.00.

**MAMMOTH MELTING SUGAR PEAS.** White seed, white blossom. Pkt., 10c; ½ lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. 25 lbs., \$5.75; 100 lbs., \$22.00.



Early Bird Peas.



Potlatch Peas.

*The peas you sent me came up fine and are about eight or nine inches high now. Please send me next year's catalog when they come out as I will be using a lot of seed next year. We expect to put in 22 acres with an irrigation system.*

W. H. ROBINSON, Ohio.

## HOLMES' PEA COLLECTION

Three of the Best Peas

HUNDREDFOLD

HOLMES' EARLY MARKET

POTLATCH

Pkt. of each for 25c, or ½ lb. of each sort for 50c, postpaid.



# Peppers

One ounce will produce 1000 to 2000 plants.

Sow one-half inch deep in hotbed in March. When Plants are one inch high, transplant into 2-inch pots and, after the open ground is warm transplant to rows  $2\frac{1}{2}$  to 3 feet apart, plants being  $1\frac{1}{2}$  to 2 feet apart in the row. Seed may also be sown in the open ground, after danger of frost, and when plants are 3 inches high, transplant as above. Cultivate frequently to keep soil mellow and free from weeds.

**Holmes' Prolific Sweet** Introduced by H. L. Holmes. A large prolific early Pepper. The strong, vigorous plants grow about 20 inches high, and bear many Peppers. The fruit when ripe is a beautiful scarlet. **Holmes' Prolific Sweet** is known for its earliness, size and yield. Its shape is unsurpassed. Is very mild, can be eaten like an apple. This Pepper has been a leader wherever grown. Since being introduced by Mr. Holmes, this Pepper has been grown by thousands each year from North to South. If you want an early, large Pepper and lots of them, plant **Holmes Prolific Sweet**; they can't be beaten for an all-around Pepper. **Pkt., 15c;  $\frac{1}{4}$  oz., 35c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00; lb., \$10.00.**

**CALIFORNIA WONDER.** Here's a new Pepper of real merit. It's nearly as large as, and earlier than, Chinese Giant, but is blocky or square-ended, just the shape you've been looking for. It will sit upright and is ideal to stuff and bake, or to serve whole with salad. Its walls are exceptionally thick, heavier and firmer than any other sort, and the flesh is deliciously sweet and spicy, with no bite to it. The bright, attractive green changes to a brilliant light crimson. Try it; it's a wonder. **Pkt., 15c;  $\frac{1}{4}$  oz., 20c; oz., 65c;  $\frac{1}{4}$  lb., \$2.50.**

**HOLMES' SWEET WHITE.** This is an absolutely new addition to the varieties of large sweet Peppers. It is an attractive cream-white color, thick fleshed and of a most pleasing flavor. **Pkt., 35c.**

**OSHKOSH.** A medium size, very smooth, broad heart-shaped fruit, 3 inches broad by  $3\frac{1}{2}$  inches deep, borne erect and often literally filling the center of the plant. When ripe the flesh is clear yellow, thick, and mild in flavor. Ripens in midseason and is very productive. The green fruits are of a dark, glossy green color, making them very attractive. Being exceedingly smooth, heart-shaped, and of medium size, they are particularly suitable for stuffing. **Pkt., 15c;  $\frac{1}{4}$  oz., 30c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.50.**

**EARLY GIANT (Harris).** Combining extreme earliness and large size, we recommend the Early Giant as one of the best large, sweet red Peppers. A most prolific sort, often having 12 to 14 large fruits on a single plant. **Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.**

**LARGE BELL or BULL NOSE.** A standard early variety and popular as a pickling sort; the pendent scarlet fruits are  $2\frac{1}{2}$  inches in diameter, three inches long, and blunt ended; usually mild and sweet. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 80c; lb., \$3.00.**

**OHIO CRIMSON (Crimson Giant).** The earliest of the very large sized Peppers,  $4\frac{1}{2}$  inches long and  $3\frac{1}{2}$  inches across at the top. Flesh is thick, firm and mild. Plants are  $2\frac{1}{2}$  feet high. **Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.**

**CHINESE GIANT.** The largest mild Pepper in cultivation. It yields abundantly but it is not so prolific as Holmes' Prolific Pepper. The flesh is thick, very tender and sweet, and, being so large, makes an excellent mango for stuffing. The color is a brilliant scarlet when ripe. **Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00.**

**WORLD BEATER.** One of the earliest of the large Peppers, being a cross between Chinese Giant and Ruby King, having the longer form and earliness of the latter with the size of the former. Fruits 4-lobed, 5 inches long by  $3\frac{1}{2}$  inches in diameter; flesh very thick and mild; exceedingly productive and a good shipper. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.**

**RUBY KING.** One of the most profitable and satisfactory early varieties for the home or market garden; plants are productive, and of dwarf, compact, upright growth; fruits pendent, often 4 to 6 inches long by 3 to 4 inches thick, tapering, and of a bright ruby-red color; flesh is thick, sweet and mild. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$3.25.**



Holmes' Prolific Sweet Pepper.

**PIMIENTO.** Also called Sweet Salad, Sweet Meat, Glory. Very sweet. A splendid variety for filling, for salads, for flavoring. The plants are very prolific, the Peppers medium in size and heart-shaped. When ripe they are a brilliant, attractive red. Flesh is thick and mild. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.**

**JEAPOLITAN.** A very early, productive, large variety, and one of the sweetest and most mild. Fruit of upright growth, 4 inches long and 2 inches thick, bright red. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.**

**SUNNYBROOK.** A tomato-shaped sweet, red Pepper of much merit. Fruit 3 inches in diameter by  $2\frac{1}{2}$  inches in depth, with thick flesh; very mild. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.**

**MAMMOTH GOLDEN QUEEN.** One of the largest of the sweet yellow Peppers; resembles Ruby King in size, form and mild flavor, but is a bright golden yellow color. **Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.**

## Pungent or "Hot" Varieties

**HUNGARIAN WAX.** This is an upright Pepper. In color, first green, changing to white, then to yellow, and finally to red when ripe. Can be used at any stage of growth, thus giving you four colors of Peppers from one crop, which can be picked and sold separately. The plants are very prolific. The flesh is thick and agreeably pungent. They are used mostly in the yellow stage of growth. **Pkt., 10c;  $\frac{1}{4}$  oz., 40c; 1 oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00; lb., \$10.00.**

**THICK LONG RED (Improved).** Known among the Italians as the "Finger Pepper." A hot Pepper on the order of Cayenne, though much thicker, with a thicker flesh. Early and very prolific. Pods pendent, 6 to 7 inches long by  $1\frac{1}{4}$  inch in diameter at top, red and pungent. Popular in many markets; early. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.15; lb., \$4.00.**

**THICK LONG YELLOW.** Fruit long, yellow, very hot. **Pkt., 15c;  $\frac{1}{2}$  oz., 25c; oz., 50c;  $\frac{1}{4}$  lb., \$1.60; lb., \$6.00.**

**LONG RED CAYENNE.** A red hot variety. The slender, pointed, 4-inch pods taper from one-half inch to the point. **Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.**

There is No Place Like HOLMES'  
For Seeds

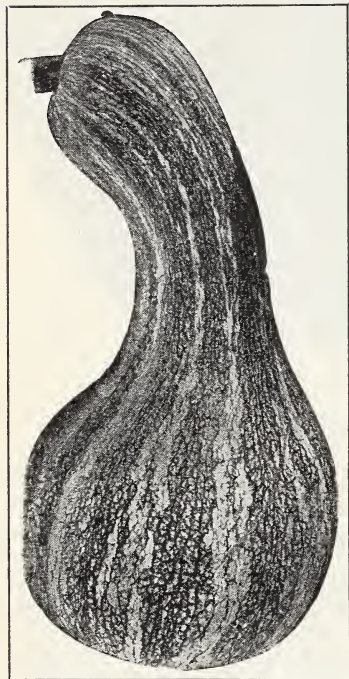


# Pumpkin

One ounce will plant about 25 hills; 4 pounds will plant an acre.

Plant after the ground has become thoroughly warm in hills 8 feet apart each way, dropping 6 seeds to a hill. Cover firmly with one inch of soil. After plants are well started, thin to 3 to each hill. Pumpkins may also be planted in the corn-field, dropping 2 or 3 seeds in every third or fourth hill of corn.

**SMALL SUGAR.** This variety is small, round, somewhat flattened, 8 to 10 inches in diameter, slightly ribbed, and of a deep orange color. The flesh is a rich deep yellow, fine grained and very sweet. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00; 2 lbs., \$1.80.



Green Striped Cushaw Pumpkin.

**KING OF THE MAMMOTHS or JUMBO.** The largest of all Pumpkins, often weighing 200 lbs. Shape flattened-round; skin light orange colored, slightly rough; flesh bright yellow, fine grained and of good quality. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., \$1.25.

**PIE or WINTER LUXURY.** A superior pie Pumpkin; enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter; flesh deep golden, sweet and tender. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.10.

**JAPANESE PIE.** A crookneck variety. The skin is a deep green with dark stripes; flesh is a deep yellow; very fine. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

**GREEN STRIPED CUSHAW.** A popular variety, with close-grained, sweet flesh. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**HUNDRED WEIGHT.** For fair exhibit, this is the one to grow. Salmon color outside, bright yellow flesh; very sweet and tender. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

**LARGE CHEESE.** The fruits are large, flattened-round. The skin is mottled light green and yellow, changing to creamy yellow when mature. Flesh is yellow, tender and excellent. Pkt., 5c; oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**CONNECTICUT FIELD.** A very productive, large, orange colored field Pumpkin; a little deeper than round and slightly flattened. Extensively grown between corn for stock feeding; it also makes good pies. Flesh is deep rich yellow; fine grained, and highly flavored. Oz., 15c; ¼ lb., 25c; 1 lb., 75c; 2 lbs., \$1.40.



Pie Pumpkins.

**MIXED PUMPKINS.** All shades, colors and sizes. This mixture is especially offered to those who wish to grow a collection of the different kinds of Pumpkins here listed for exhibition at county fairs, or for home use. Oz., 15c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.



Holmes' Early Scarlet Globe Radish.

## Holmes' Early Scarlet Globe

Most Popular All-Round Radish.

Four outstanding characteristics make this the most popular radish on the market today.

- 1st. Color, bright vermilion scarlet.
- 2nd. Shape, globe, with small top and small tap root.
- 3rd. Quality, crispness and flavor.
- 4th. Earliness, ready for market in 25 days.

It remains longer in condition than any other early radish. Our stock is the result of individual plant selection, very careful attention being given to color, shape and extreme earliness. There is a diversity of types of Scarlet Globe on the market. Be sure to plant **Holmes' Early Scarlet Globe** if you want the best. Perfectly dependable for either greenhouse or outdoor planting. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.20; 10 lbs., \$7.50.

Your radish seed came true to type and color, never had such wonderful Scarlet Globe and Icicle. We always sold out early and got the high price. You certainly got the strain that we gardeners want.—BUKER BROS., Ohio.



# Radish

One ounce will sow a row 100 feet long; 10 pounds to the acre.

For good, tender, well-shaped Radishes, you must have good, rich, deep, well-prepared soil. Sow the seed early and make other sowings every two weeks. This gives you fresh, tender Radishes all season. Sow the seed in rows rather than broadcast it, for when sown in rows they may be kept clean of weeds. Rows may be made 4 to 6 or 12 inches apart, depending on the quantity you are growing. Sow seed thin enough so they do not need to be thinned out. Sow seed of Winter Radishes in July and August; then take them up before freezing and store in pits or cover with sand in the cellar, and they will keep finely all Winter.

**White Icicle** The finest flavored quick-growing Radish now in cultivation. The name is derived from the almost transparent whiteness of the root. If well cultivated, Icicle produces its 3½ to 4 inch cylindrical roots within 22 days from sowing. This means the acme of crispness. Leaves are short, roots exceedingly crisp and brittle, never becoming woody. Do not fail to plant White Icicle. You will not be disappointed. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00; 5 lbs., \$4.20; 10 lbs., \$7.50.**

**SPARKLER.** Perfectly round or ball-shaped; upper half bright scarlet, lower half and tap-root clear white; very bright and attractive in appearance and largely grown for both market and home use. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.**



Holmes' Royal Red Radishes.

**HOLMES' ROYAL RED.** A new selection of Radish that is a considerable advance. The roots are completely ball-shaped, with a very fine tap root and remarkable quick in forming. The color is a uniform rich glowing scarlet, more intense than we have yet seen. The foliage is small and it is especially adapted for greenhouse as well as open ground planting. Remember it is the first on the market. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.**

**CRIMSON GIANT.** Maturing in about the same time as Early Scarlet Globe, this Radish produces roots nearly twice the size, of perfect globe shape, with white flesh and deep red skin. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.**

**FRENCH BREAKFAST.** Olive-shaped; rosy scarlet with white tip. A quick-growing variety of excellent quality. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.**

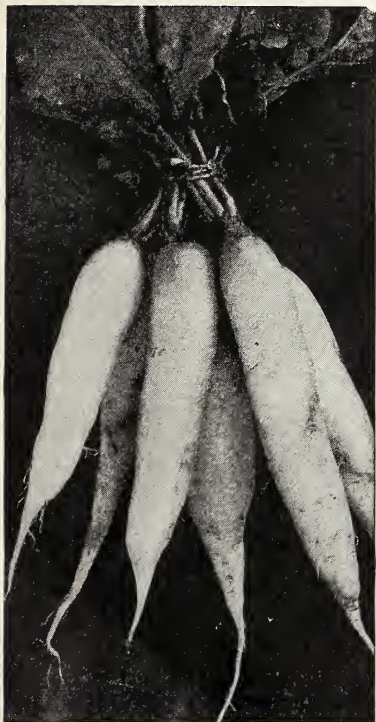


French Breakfast Radishes.

**CINCINNATI MARKET.** The most select strain of the Long Scarlet Short Top type. The roots grow 6 to 7 inches long and are bright scarlet, slightly tipped white, with very brittle flesh. Our stock is very short-topped; excellent for outdoors. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.**

**WHITE STRASBURG.** Half-long and thick; skin and flesh white. An excellent sort for either Summer or Fall. Firm, crisp, and of mild flavor. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.**

**MIXED RADISHES.** All Kinds, Colors and Shapes. Just what is wanted for the home garden where the space is limited. One sowing is all that is required for a continuous supply, as they become ready for table use in 15 to 50 days. **Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.**



White Icicle Radishes.

## Winter Varieties

**WHITE CHINESE or CELESTIAL.** An extra fine, white, cylindrical Radish often growing 12 inches long. When fully matured, roots will average from 6 to 9 inches long and 2½ to 3 inches in diameter. White skin; flesh pure white, compact, crisp. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.**

**ROUND BACK SPANISH.** Roots round, 3 to 4 inches in diameter, about 3 inches long. Skin black, flesh white, firm, very pungent, but finely flavored. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.**

**HALF-LONG BLACK SPANISH.** Produces roots with grayish black skin, 4 to 5½ inches long, 2 to 3 inches in diameter. Flesh white, crisp, pungent, well flavored. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.**

**CHINA ROSE. WINTER.** Roots cylindrical, heavier at lower end, bright carmine; flesh white, crisp, firm, pungent; roots 4 to 5 inches long, 1½ to 2 in. in diameter. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.**



## Rhubarb

One ounce to 150 feet of row.

The seed should be sown in a shallow drill. When well started, thin to stand 10 to 12 inches apart. The stalks should not be gathered until the plants have had a full season's growth.

**VICTORIA.** The most popular variety; comes true and yields heavily. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.**

## Rhubarb Roots

Young roots of Victoria, which, if planted in good soil early in the Spring, will make a strong growth and yield stalks for market the following Spring. The plants increase in size every year and will, with proper care, last for many years. Thick luscious stalks shaded bright crimson. **20c each; 5 for 75c; 10 for \$1.25, postpaid.** By express, 100 roots, \$7.50; 500 for \$32.50.

## Salsify—Oyster Plant

One ounce will sow 50 feet of row; 8 pounds will sow an acre. Should be in every garden. Sow early in Spring, in rows 12 inches apart. Cover the seed firmly with ½ inch of fine soil; thin to 1 inch apart in the row. This is one of the most desirable Winter vegetables; the roots when cooked are very palatable and nutritious.

**MAMMOTH SANDWICH ISLAND.** Large, thick, smooth, white roots. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.**

## Spinach

One ounce will plant a row 100 feet long; 10 pounds to the acre when drilled.

Good rich soil is important to Spinach, both for its growth and in making the leaves more tender and succulent. Sow the seed in early Spring in rows 12 inches apart; cover it an inch deep. Many broadcast the seed, covering with a harrow or rake. Make a sowing every two weeks for continuous crops. Do not sow seed in dry weather; it will never come up. It must have a moist soil. Sow in September for Fall and early Spring crops. Use straw or "strawy" manure when really cold weather comes. Nitrate of soda is splendid to give rapid growth to Spinach.

Sandwich Island Salsify.

**LONGSTANDING BLOOMSDALE.** (Original Stock). A new strain of outstanding merit. Although recently introduced, it has already become a favorite with commercial growers on account of its splendid performance. It will stand in marketable condition 10 to 14 days longer before bolting to seed. One of the advantages is that the inferior early shooting male plants are eliminated. It is intensely crumpled and blistered and very uniform. Color is a deep glossy green. Wherever Bloomsdale is grown, this improved strain will give more satisfactory results. The only stocks that are always dependable are the originators' stocks. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 40c; 10 lbs., \$3.35.**

**PRINCESS JULIANA.** (Originator's Stock). Large crumpled thick green leaves. Suitable for planting in Spring, Summer or Autumn. It lacks entirely the earlier bolting male plants so that the crop as a whole remains much longer in prime condition. It is, therefore, one of the best longstanding sorts. By buying the originator's stock you are sure to get the true variety. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 60c; 10 lbs., \$4.50.**

**KING OF DENMARK.** (Original Stock). This variety combines successfully the advantages of the large leaved early varieties such as Improved Thick-leaved and the later long standing varieties such as Long Season and Victoria. The leaves are large smooth and somewhat crumpled and very dark green. The plants remain a long time in marketable condition without going to seed. One of the best varieties for Spring planting. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 60c; 10 lbs., \$4.50.**

**NOBEL GIANT THICK-LEAVED.** By far the best of the so-called smooth leaved sorts. It produces a large mass of very thick rounded leaves of enormous size, and although it is a very quick grower, it stands very long before bolting. This is an ideal variety for truckers, replacing the older sorts such as Thick-leaved and Viroflay. **Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 10 lbs., \$4.50.**

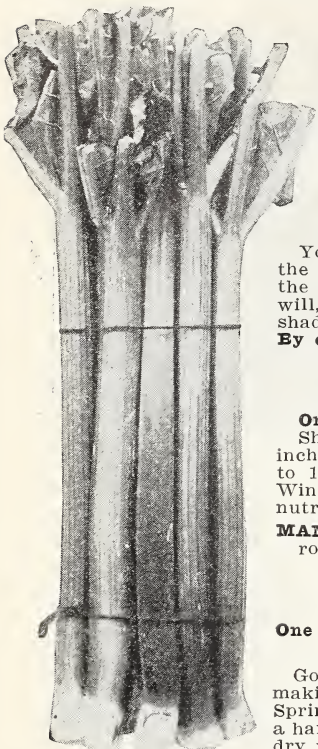
**NEW ZEALAND.** A distinct Spinach differing from any of the true Spinach varieties. Thrives in hot weather and on any soil, rich or poor. The plant is of spreading habit, growing very large, with comparatively small, broad, pointed leaves. The tender shoots can be cut throughout the Summer and are of good quality. Soak the seed before sowing. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 85c.**

**LONG SEASON.** An excellent second-early variety with small plants growing close to the ground, very dark green, thick, somewhat crumpled leaves—almost as crumpled as the Savoy-leaved—and short, fleshy stems. Does not readily crush. Will keep in the field in condition for a remarkably long time. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 40c; 10 lbs., \$3.35.**

**VIRGINIA BLIGHT-RESISTANT SAVOY.** As its name indicates it is resistant to blight, and should be used where blight is prevalent. The type, however, is not quite as uniform as the Bloomsdale. **Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 50c; 10 lbs., \$4.00.**



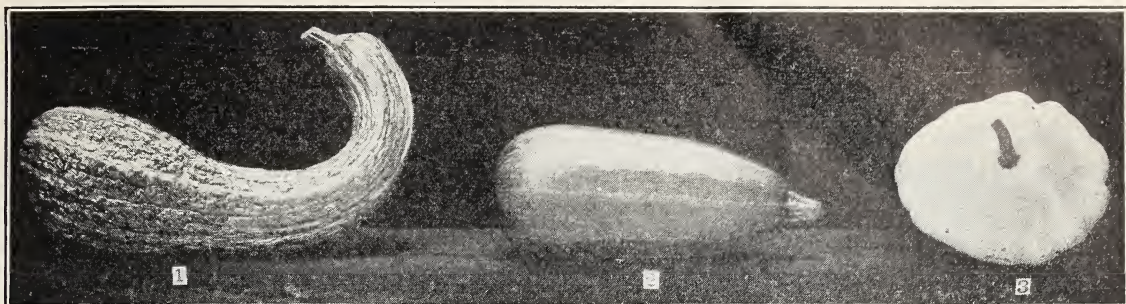
Trial Showing Long-Standing Character of the Long-Standing Bloomsdale Spinach.



Victoria Rhubarb.







Giant Summer Crookneck.

Italian Vegetable Marrow.

White Bush Scalloped.

Courtesy of the Dept. of Vegetable Gardening, Cornell University.

## Squash

One ounce will plant 25 hills; 4 pounds to the acre.

Plant 8 or 10 seeds in each hill and have hills of bush varieties 3 to 4 feet apart and vining late sorts 6 to 8 feet apart each way. After danger of bugs is over, thin out all but four of the best plants. Before planting seeds, work manure in each hill. Winter Squash are also grown like pumpkins in the corn field at the same time you plant the corn, in every fourth hill. Spray Squash vines with Pyrox to kill bugs and prevent blight.

**WHITE BUSH SCALLOPED, or PATTY PAN.** This is the well-known, early, somewhat flattened, scalloped bush Squash of medium size. The color is creamy white; slightly warted surface. The vines are vigorous. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 2 lbs., \$1.90.**

**GIANT SUMMER CROOKNECK.** The largest and earliest yellow crookneck. They are warty, deep orange color, and average 2 to 2½ feet long. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.20.**

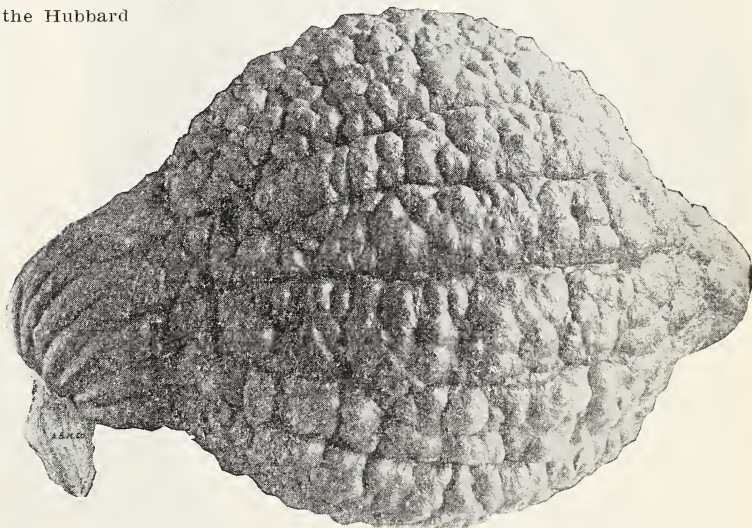
### Winter Squash

**DELICIOUS.** Fruits large, resembling the Hubbard in shape, with bronzy green skin and orange flesh, which is very thick, fine-grained, dry and sweet. A dependable Squash for late Summer and early Winter use. **Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.25; 2 lbs., \$2.30.**

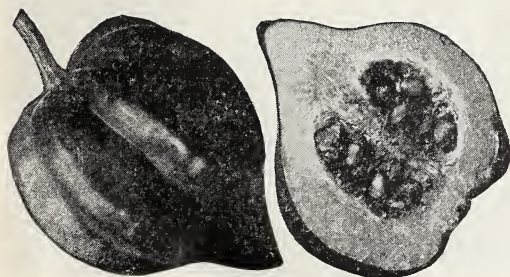
**BLUE HUBBARD.** (New). A large variety having a hard, blue-grey shell. It is a long-keeping sort and of finest quality. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.35; 2 lbs., \$2.50.**

**NEW ACORN or TABLE QUEEN SQUASH.** Excellent for pies and keeps as well as Hubbard. Fruits are 5 to 6 inches long and 4 inches in diameter; smooth, dark green skin and thick orange flesh. Very prolific. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.20.**

**GOLDEN HUBBARD.** Outer color is bright orange-red, otherwise similar to Warty Hubbard, except that it is generally smaller. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.30.**



Improved or True Hubbard Squash.



Acorn or Table Queen.

**IMPROVED or TRUE HUBBARD.** Hard, tough, smooth shell of dark green color, and very rich, fine-grained tender flesh. Whether fruits grow large or small, they are equally desirable and there is no better sort to store for Winter use. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25; 2 lbs., \$2.30.**

**FORDHOOK.** A most delicious sort for both Summer and Winter use. Very productive. Skin is smooth, straw yellow tint; meat is thick, creamy yellow, sweet and buttery. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.20; 2 lbs., \$2.20.**

### Swiss Chard

See page 9.



*Have been growing your Holmes' Everbearing Tomatoes for several years and can say they are the best tomatoes I've ever grown. They are as you represent them.*

MRS. E. M. STAMBAUGH,  
Pennsylvania.



Holmes' Everbearing Tomatoes.

**CERTI-TRUE BONNY BEST.** This stock represents the highest type it has thus far been our privilege to handle. The seed was inspected by Dept. of Agriculture and certificate granted showing purity of type and freedom from disease. Is sold under seal as an absolute protection to our customers. **Pkt., 25c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00; lb., \$10.00.**

**CHALK'S EARLY JEWEL.** Fine early canning sort. Of large size, fine flavor. Brightest scarlet; ripens up to stem without green core. Flesh thick, bright scarlet, solid, excellent flavor. One of the largest cropping, medium early varieties we grow. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$4.00.**

**JOHN BAER.** Fine extra early round bright red, free from core, very few seeds, with a mild, sweet flavor, and ripening up to the stem. Vigorous and productive. Fine shipper. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$4.00.**

**JUNE PINK.** Similar in every respect to Earliana, except in color, it being a flesh-pink. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.30; lb., \$4.50.**

**LIVINGSTON'S GLOBE.** Large, purplish pink, very nearly round with a pronounced elongation at the flower end. Vigorous and productive. Fruits smooth, firm, solid, and mature earlier than most main crop varieties. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.30; lb., \$4.50.**

**EARLY DETROIT.** A large early pink Tomato of vigorous growth. Nearly globe-shaped fruits of excellent quality. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20; lb., \$4.00.**

# Tomato

One ounce will produce from 1000 to 2000 plants.

Sow in hotbed or window box in March, in rows 3 inches apart and 1½ inches deep. Cover firmly. Later sowings may be made to the end of April. When seedlings are 3 inches high, transplant to 4 inches apart each way either in other hotbeds, in cold frames, or singly in 3-inch pots. Harden plants by exposing to the air occasionally. After warm weather is settled, about May 15th in the latitude of Canton, set out plants 3 or 4 feet apart each way in hills. Water freely at time of transplanting and shelter from sun until well established.

## Holmes Everbearing

**The Earliest, Largest, Most Prolific and Meatiest Red Tomato Grown.** This wonderfully fine, prolific Tomato was introduced by H. L. Holmes in 1912. **Holmes' Everbearing** produces fruits that are large, smooth, nearly globular, deep red and bears throughout the season. These Tomatoes bear in clusters, and the beauty of it is that they all run about the same size and are free from the acidity so common to many Tomatoes. **Holmes' Everbearing** comes into bearing right after Earliana and keeps its size throughout the growing season. It is an excellent shipper. The seed cavities are small and we believe it to be the meatiest Tomato grown. Our own stock. **Pkt., 25c; ¼ oz. (about 2000 seeds), 40c; oz., \$1.50; ¼ lb., \$5.00.**

**EARLIANA (Select).** The earliest variety that grows. The fruits are very deep and smooth; plants have heavy wide foliage, and bear an abundance of bright red fruit which ripen evenly right up to the stem, and which are solid and meaty. We anticipate that **Earliana (Select)** will soon supercede the other Earliana strains, being in addition to its superior type, ready for picking in most localities slightly ahead of the latter. **Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.80; lb., \$6.00.**

**MARVANA.** A very early scarlet fruited variety, introduced by the U. S. Dept. of Agriculture for wilt-resistance. Fruits are smooth and quite solid. **Pkt., 15c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.00.**

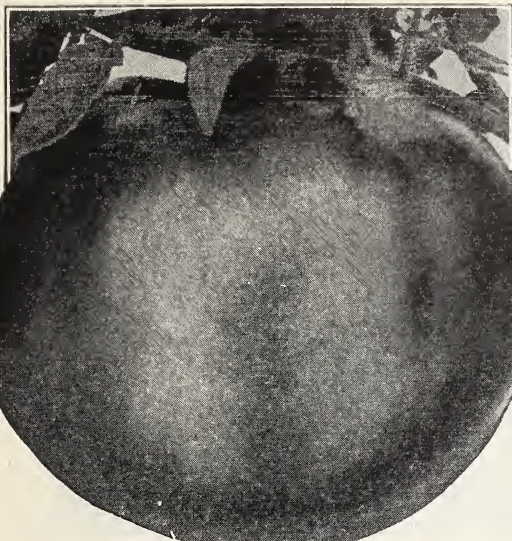
**BONNY BEST.** An excellent extra early bright scarlet variety. Outstanding features are uniformity and productivity. Round, high-crowned, of medium size, exceedingly smooth and ripens evenly. This stock is recommended either for greenhouse or for intensive field cultivation. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.30; lb., \$4.50.**

**BEEFSTEAK.** An extremely large, bright red variety. A slice of this enormous-fruited sort looks like a piece of beefsteak, being of delicious flavor. **Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; lb., \$5.00.**



Beefstead Tomato.





Marglobe Tomato.

**MARGLOBE.** Second early red tomato, week later than Bonny Best but much larger, being a globe-shaped type, very smooth, solid, almost coreless, of very good quality and borne usually in clusters of 5 to 7. It has a much longer bearing season than Bonny Best. This variety was originated and developed by Dr. Fred J. Pritchard of the United States Dept. of Agriculture. It has the general size and shape of Globe but is red in color and possesses the disease resistance of Marvel. It is not only resistant to Fusarium Wilt and Nailhead Rust, but is also somewhat resistant to Septoria leaf spot and leaf mold. This variety receives favorable attention wherever grown by truckers, market gardeners, canners and greenhouse men. It does not develop puffy fruits even under greenhouse conditions. This promising variety is worthy of a trial. **Pkt., 15c; ½ oz., 25c; oz., 60c; ¼ lb., \$1.40; lb., \$5.00.**

**CERTI-TRUE MARGLOBE.** This stock represents the highest type it has thus far been our privilege to handle. Certificate granted showing purity of type and freedom from disease. Sold under seal as an absolute protection to our customers. **Pkt., 25c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00.**

**PONDEROSA.** The fruits ripen early and it bears well until very late; very solid, almost seedless, of good sub-acid flavor and of immense size, frequently weighing more than two pounds. It is now producing a much smoother fruit than when first introduced. Good Tomato for home use; splendid slicer. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; lb., \$5.00.**

**YELLOW PONDEROSA.** Similar in size and growth to Ponderosa; clear golden yellow; solid and mild in flavor. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$6.00.**

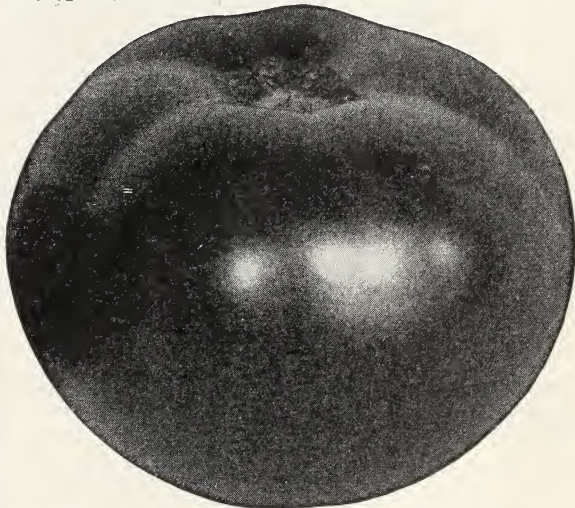
**OXHEART.** Because of its oxheart shape, large size, as well as its excellent table qualities, it is sure to come into great favor. Tomatoes weighing 2 pounds or more are quite common. It is not a heavy yielder, being similar to Ponderosa in this respect. This variety sells on sight. It has a pink skin, very thick flesh, and is almost seedless. The flavor is delicious. **Pkt., 20c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$4.20.**

**STONE (Selected).** One of the best late red canning varieties. Fruits are large, solid, flattened-round, smooth and uniform. Vines are large, strong and very productive. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$4.00.**

**BEAUTY.** Large, purplish pink, smooth, round, uniform size and very solid. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15; lb., \$4.00.**

**DWARF CHAMPION.** Stocky plants, maturing early and bearing a large crop of medium sized, smooth, purplish pink fruits. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.30; lb., \$4.50.**

**GARLAND.** This fine tomato was discovered by Mr. John J. Garland, at that time connected with the Wisconsin Agricultural College and brought by him to Canton in 1919. It is large, red, smooth, fine-flavored and as early as Bonnie Best. It is very prolific, bearing uniform sized fruits continuously throughout the season. This tomato does not crack, and is an excellent shipper. Wherever tried, it has given satisfaction. **Pkt., 15c; ¼ oz., 30c; oz., 75c; ¼ lb., \$2.50; lb., \$8.00.**



Bonny Best Tomato.

### Small Fruited or Preserving Varieties

Used principally for preserves or eaten raw; all very sweet and mild in flavor.

Price, each, pkt., 10c; ½ oz., 30c; oz., 50c.

Yellow Peach  
Yellow Plum

Yellow Pear  
Red Pear

Golden Husk  
Mixed



Garland Tomato.







Purple Top White Globe Turnips.

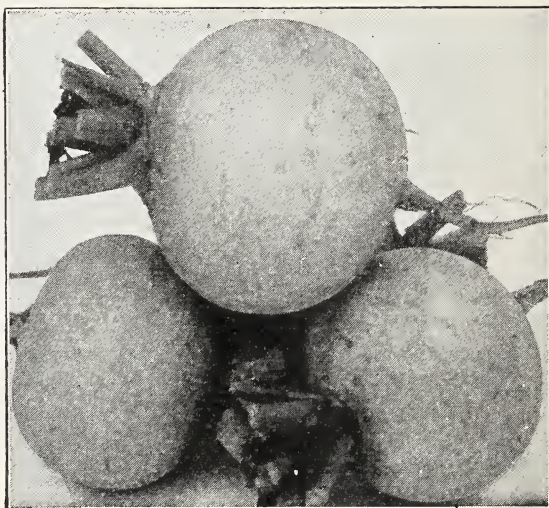
## Turnip

One ounce of seed sows 200 feet of row; 2 lbs. per acre.

To have Turnips early, sow seed in early Spring; for Winter crop, sow in July and August. Sow alone or in cornfields at last cultivation of the corn. Do not sow too thick; in small gardens thin plants to 4 inches apart. Do not make soil too rich. Where chicken manure or heavy applications of stable manure have been used, it has caused the growth, principally of foliage with only a small thin root instead of the heavy globe root and medium foliage it naturally should produce.

**PURPLE TOP WHITE GLOBE.** This is a well known Turnip, also sold under the name of Red Top White Globe. The roots grow to good size, measuring 6 inches and more in diameter. They are nearly round in shape and show a rich purplish red color on the upper part of the roots which extends above the surface. The lower portion is creamy white. The flesh is white, firm, crisp and of remarkably mild flavor. **Pkt., 10c; oz., 15c; ¼ lb., 25c; 1b., 60c; 2 lbs., \$1.00; 5 lbs., \$2.25; 10 lbs., \$4.00.**

*Like your seeds well and hope you can fill my order soon.*  
MRS. ED. SMITH, Pennsylvania.



Amber Globe Turnips.

**PURPLE TOP STRAP-LEAF.** This is surpassed in earliness only by the Milan. The roots are quite flat, 4 to 6 inches in diameter. The upper portion of the root is of a deep purplish red, the lower portion clear milky white. Fine grained, sweet and tender. Grown extensively for Fall and Winter use. **Pkt., 5c; oz., 15c; ¼ lb., 25c; 1b., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.85, postpaid.**

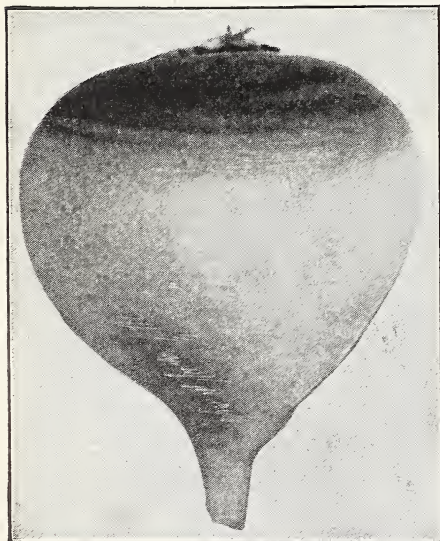
**WHITE EGG.** Tops small, with distinctly cut leaves. Flesh pure white, very sweet, firm and mild. **Pkt., 10c; oz., 15c; ¼ lb., 25c; 1b., 70c; 2 lbs., \$1.25; 5 lbs., \$2.80; 10 lbs., \$5.25.**

**AMBER GLOBE.** Of large size and regular shape. The roots are almost round in outline. The skin is even and smooth, of a pale amber color. The beautiful creamy yellow flesh is fine grained and free from hard fiber. **Pkt., 10c; oz., 15c; ¼ lb., 25c; 1b., 75c; 2 lbs., \$1.35; 5 lbs., \$3.20; 10 lbs., \$5.60, postpaid.**

## Rutabaga (Swedish or Russian Type)

Rutabagas require a longer season for maturing, hence should be sown earlier than turnips, or about June 15th.

**IMPROVED AMERICAN PURPLE TOP.** One of the best and heaviest cropping sorts. It is of globe shape with a rich purple top and light yellow below the ground. The quality is fine; very tender, and without the stringy nature common in some sorts. A valuable stock food and is used as a table variety by many. **Pkt., 10c; oz., 15c; ¼ lb., 25c; 1b., 60c; 2 lbs., \$1.00; 5 lbs., \$2.20.**



Improved American Purple Top Rutabaga.



# Seed Potatoes From the Rugged North

**CULTURE.** You can grow Potatoes anywhere in good, rich, loose, well-drained soil. It requires 10 to 12 bushels (4 sacks) to plant an acre. A Potato can be cut in two, three or four pieces and each piece should contain two or three eyes. Plant these pieces 15 inches apart in the rows. First work the soil thoroughly, make rows 2 to 3 ft. apart for hand or horse cultivation; open a furrow 4 inches deep in each row; then put in your fertilizer (mix thoroughly with the soil) and plant the pieces in these furrows. Cultivate often and spray every ten days or two weeks with an insecticide to kill the bugs and prevent blight, and if lice get on the plants, spray quick and thoroughly with Black Leaf 40 (see page of insecticides). One peck will plant a row 100 feet long.

It pays to plant seed Potatoes that are grown in the North, where the rigorous weather makes them hardier, causes them to mature quickly, and where the soil seems to be especially adapted to the growing of finest quality Potatoes.

Our Seed Potatoes are grown in the North expressly for planting purposes, from stock seed of carefully selected mother plants, bred to perfection for **yield, purity and uniform size.**

This seed is free from disease, true-to-name, and of the finest quality, and, if after you receive and examine the Potatoes, they are not absolutely satisfactory to you, return them immediately and we will refund the full amount you paid for them. We will not, however, be responsible for the crop, as too many other conditions over which we have no control, such as soil preparation, cold, moisture, weather conditions and insects, enter into final results of the crop.

**IMPORTANT!** The matter of obtaining good seed is more serious than the price this year. We advise you to order at once if you would be sure of having seed.

We will enter all orders received from January 1st on and hold them until weather conditions are such as to make it safe to ship. Then we will advise you that we are sending them.



Field of Irish Cobbler Potatoes Being Inspected by Mr. H. L. Holmes.

**Irish Cobbler** (Pedigreed Stock). The best early selling sort. It is the standard white Potato, and is increasing in popularity yearly among the best Potato growers. The tubers are uniformly smooth, round and plump; eyes strong and well developed. The flesh is white and of excellent quality.

**Early Ohio** Either for the family garden or for market, there is nothing to compare with the Early Ohio. Round to oblong in shape, pink skin, white flesh of most excellent quality and extra early. Write for our Price List.

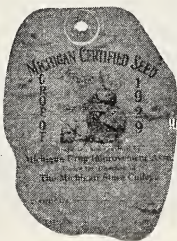
**Eureka Extra Early** It seldom fails to produce the largest crop of extra early Potatoes. Tubers are round, white and of unsurpassed quality. We have yet to hear a single complaint as to this variety and advise a trial of the Eureka by everyone who wants an extra early crop. Write for our Price List.

**Triumph** The earliest in fact of all varieties. Largely grown now for market in the South and Southwest. The tubers are nearly round, smooth, medium in size, reddish pink in color. Write for our Price List.

**Carman No. 3** A round, white Potato of the Rural type and closely resembling it in yield and quality. We have clean, pure stock, all northern grown. Write for our Price List.

**Rural New Yorker** This is one of the best varieties for main crop. It produces an extremely large crop of round, slightly flattened tubers, smooth, white-skinned, and very attractive in appearance. Write for our Price List.

**Michigan Russets** (Certified). This is the famous Rural Russet Potato that has probably made more money for the farmer than any other variety. The tubers are round to oblong in shape, of good size, with pure white flesh. The skin is russet, the eyes few and shallow. Our Russets are grown in Michigan from pure State Inspected Certified Seed, absolutely free from scab and diseases. Ohio uses 125,000 bushels, two-thirds of which comes from Michigan. A yield of 400 bushels per acre is not uncommon for Russets. Our stock is fine, medium sized tubers. Write for Price List.



Look for This Tag.

**Early Rose** Potatoes are long in shape, good size, and light pink in color, maturing in about 100 days. Write for our Price List.

**Early Six Weeks** For those wanting a strain for early home and market use, we urge a planting of the Early Six Weeks. The tubers are medium to large in size, oval shape, reddish color with shallow eyes. Write for our Price List.

## Seed Sweet Potatoes

We can supply you from our grower with the choicest and best of seed.

**NANCY HALL, also SOUTHERN YAMS.** Write for Price List on bushel hamper.

## Sweet Potato Plants

For the best, early extra fine strain of Sweet Potato Plants, let us fill your order for any quantity desired. Ready about May 1st.

**Price, 100 for \$1.00; 1000 for \$6.00, postpaid.** Write for prices on larger quantities.

*I had potatoes from you last year and they were very good so I thought I would send for some this year. I have very beautiful potatoes when I get them from you.*  
MRS. JOSEPH BUGAY, Pennsylvania.

*I received the potatoes Saturday in good condition. They are fine looking potatoes.*

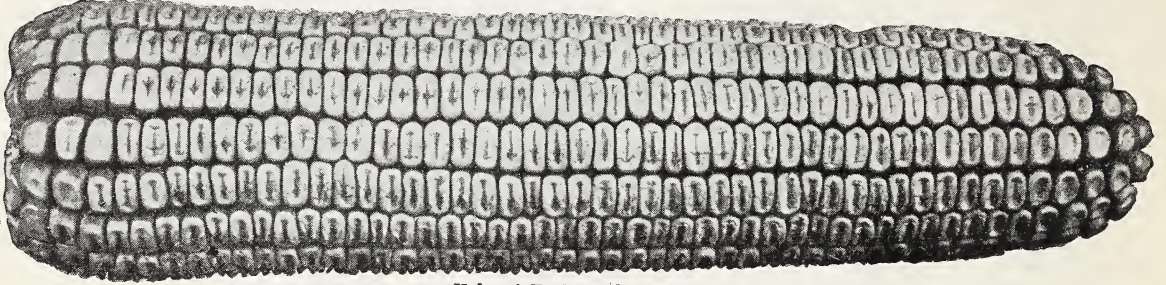
F. H. BOYD, Ohio.

*I am now digging for market the potatoes I bought from you and they are turning out much better than the seed would indicate and are different from the Triumph which I complained they looked like. My customers call them the old-fashioned Strawberry Potato. They are fine cooks and I am getting \$2.25 per bushel for them.*—ALOIS SCHMIDT, Ohio.



# Holmes' Northern Grown Seed Corn

The progressive farmer is fully aware that it pays in dollars and cents to plant seed of **known origin** only. He knows that good Seed Corn is the prime requirement of a good crop. With poor, cheap seed, time, labor and fertilizer are wasted and no extra cultivation can make up the lack. Our Corn has all been grown especially for seed. It has been well cured and is true to name and type. It costs no more in labor, time and fertilizer to grow a bumper crop than a poor one. The difference in price between good seed and poor seed is made up many times over in the increase in the crop harvested.



Holmes' Early Yellow Dent.

## Holmes' Early Yellow Dent

We were swamped with orders for this popular early Corn last year, and many of our good friends were disappointed, as our large supply was sold out quite early.

**Holmes' Early Yellow Dent** has broad, deep grains of a beautiful golden yellow color. It produces a crop of the most perfectly uniform ears, and has averaged 70 bushels of shelled corn per acre. Holmes' Early Yellow Dent matures in 90 to 100 days. The ears are 10 inches long with 14 rows of long, broad grains. The stalks grow from 8 to 10 feet high, giving an immense quantity of fodder. The surest way to make farming pay you profits is to plant seed that will **produce larger crops**. Farmers who planted Holmes' Early Yellow Dent for their main crop last year told us they grew one of the finest crops and finest quality Corn they ever grew in all the years they have farmed. **Remember**, our Seed Corn is grown from the most carefully selected seed stock, of strong, vigorous germination. You will not regret it if you plant **Holmes' Early Yellow Dent**. (Write for Seed Corn Price List).

## Medina Pride

An Early Yellow Dent. Has given the highest yield of shelled corn per acre of any adapted sort tested at the Ohio Agricultural Experiment Station for the past twenty years and it is one of the best sorts for growing in northeastern Ohio. It makes a big enough growth of fodder and has a well developed ear that matures safely in practically all seasons. When more people become acquainted with this sort, it will be widely grown as it is always in excellent condition in the Fall. Write for prices.

## Woodburn's YellowDent

This Corn has a beautiful deep orange color, a fairly wide kernel well set on the ear. It has a medium sized ear and stalk. One of the leading features of this sort is its large yield of shelled Corn per acre. It will cost you about 30 to 35 cents per acre more to use good tested Woodburn's Dent than ordinary seed at feed prices. We can state that it will produce 25 to 30 bushels per acre more than the average seed. You can not afford to plant anything but the best seed money can buy. (Write for Seed Corn Price List).

*The best corn ever raised on my farm was grown last year from your Holmes Early Yellow Dent. It matured early and eared up exceptionally well.*—  
S. B. MERRYMAN, Carroll Co., Ohio.

We can supply Registered or Certified Seed. Write for prices.

## Ohio Improved Clarage

Here is a great Corn. It suits our farmers,

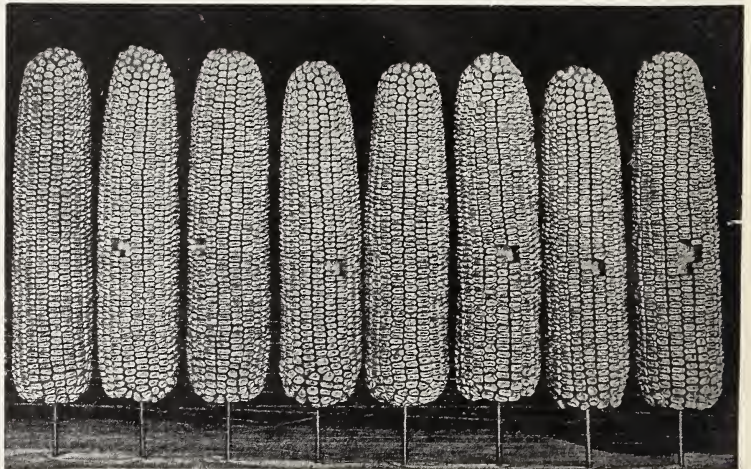
and is now one of the most popular varieties in Ohio. It is early, ripening in about 100 days, grows just an average size stalk. **Improved Clarage** was used by Mr. Ira Marshall of Harding County, Ohio, in producing the world's record crops of 160, 168 and 157 bushels per acre on ten acres, in 1925, 1926 and 1927, respectively. The Clarage variety is now recommended by the Farm Crop Department of the Ohio State University, as being one of the varieties best adapted to all soils of the state. We recommend it as one of the most satisfactory all-around Corns. It produces an immense amount of shelled Corn to the acre, on account of its unusually deep kernels. Ears are of medium size, 16 rows of deep, wide kernels. The cob is small, guaranteeing a high feeding value, and good shelling percentage. Will it pay to plant our **Pure-bred high-yielding Improved Seed** which is reasonably sure, in a normal year, to make you a crop of from 70 to 100 bushels per acre? If you want something to make you money, get our stock. (Write for Seed Corn Price List).

## Longfellow Flint

A large, eight-rowed yellow Flint sort. Adapted for the Northern states. Write for prices.

## Sweet Corn Fodder

Best for cutting and feeding green during the Summer months. It is so very sweet and nutritious that cattle will eat every part of the stalk. Drill thickly, in rows 3 feet apart, using 1½ bushels of seed to the acre. Write for prices.



Ohio Improved Clarage.



# Holmes' Famous Tested Ensilage Corn

## Holmes' Champion Yellow Ensilage

### THE CHAMPION SILAGE CORN

This Corn is wonderfully productive because of its great height, heavily bladed, and the number of ears it carries. It is grown in Pennsylvania, in the fertile Cumberland Valley, known the world over as the home of Champion Corn. This Corn will produce stalks 12 to 16 feet in height in Ohio, with two to three ears to a stalk, producing 14 to 18 tons of silage per acre. Fill your silo with **Holmes' Champion Yellow Ensilage**. Feeders, it will pay you to get our seed. This Corn is of medium maturity. It can be grown in any latitude. No other Corn adapts itself so readily to local conditions. It is the earliest large-ear silage Corn grown. It is replacing other sorts due to the tonnage of leaves and ears. **Holmes' Champion Yellow Ensilage** is graded and tested, ready for the planter. You will be more than satisfied if you plant the Champion Silage Corn. Write for our Price List.

## Holmes' Big Golden Ensilage

### "A WONDERFUL SILO FILLER"

Decidedly the largest and best Corn to grow for leaves and ears. Pennsylvania grown. The stalks attain a height of from 12 to 15 feet, with thick, strong foliage. The ears are 10 to 12 inches in length, the majority of them having 18 rows of deep, broad grains of a rich golden yellow color. It is an extremely heavy cropper, ranking with any of the southern grown ensilage. **Holmes' Big Golden** will give a better crop on poor or light soil than almost any other sort. Since this Corn was first put on the market in this section, it has been steadily and consistently growing in popularity. The progressive farmer cannot afford to be without **Holmes' Big Golden Ensilage**. Write for prices.

## Lancaster County Sure Crop

Originated by Ezra Hershey, in Lancaster Co., Penna. This Corn is a very dependable variety to mature under the most unfavorable growing conditions. It matures early, the ears are very long, and the rich yellow grains are of uniform width and length. **Lancaster County Sure Crop** averages 12 feet in height, is very leafy and withstands drought and develops Corn well to the North. Matures in about 105 days. Our seed is grown for us in Pennsylvania by a Seed Corn specialist, and can be relied upon for purity and quality. Seed is extra choice. Write for prices.

## Holmes' Prolific Ensilage

### WONDERFULLY HIGH PRODUCING

Stalks 12 to 16 feet tall, well bladed, ears large and heavy with white deep grains. It is one of the best ensilage corns for quality and quantity. Produces 14 to 18 tons of ensilage to the acre. High germination test. Write for prices.

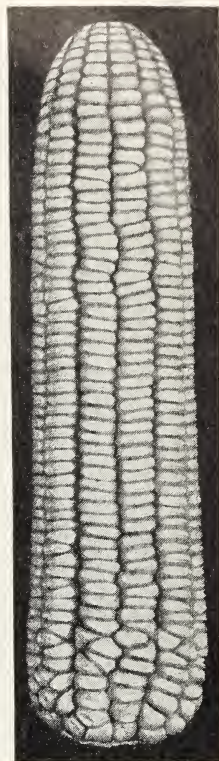
## Eureka Ensilage

Grows very tall, leafy; one of the most productive, both in growth of fodder and grain of many of the standard varieties. Write for prices.

## Holmes' Ensilage

### (Known as Blue Ridge)

Early, grows tall, leafy, full-eared. This is an improved strain, originated in the Blue Ridge Mountains of Virginia, and will outyield all other southern ensilage from a standpoint of tonnage, height and quality of fodder. We know an untold number of dairy farmers claiming that they have never seen such tremendous growth, ranging from 14 to 16 feet in height. On account of its being grown at a high altitude and away from other sorts, it is earlier than other southern-grown ensilage. **Holmes' Ensilage** is very prolific, producing many large ears and makes the heaviest and thickest fodder of any early southern ensilage. Our seed is grown especially for us, selected and cured, and we know it is of highest germination, strong and vigorous. You will make no mistake in planting **Holmes' Ensilage**. It requires one-fourth bushel to plant an acre for ensilage. Write for prices.



Holmes' Ensilage Corn.

## Old Virginia Ensilage

Is one of the most popular and satisfactory of all ensilage Corn. Grows to a large size, is very leafy and well adapted for ensilage. There is no Corn more difficult to cure or keep properly. Our stock is carefully selected and dried. We can assure you high germination. Write for prices.

*I had such good luck with my corn last year that I want always to get my seed corn from you.*  
CHARLES M. FOSTER,  
Pennsylvania.



Mr. Norman Rishel, a Successful Pennsylvania Farmer, and Some of His Big Golden Corn.



# Holmes' Northern Grown Farm Seeds

Unexcelled in quality, there are no better seeds grown. We cannot stress too greatly the wonderful excellence of **Holmes' Seeds**. It is our aim to always furnish to our customers better seeds than required by government regulation; therefore, the seed law is no handicap to us, but rather a benefit, as it requires those who perhaps would not be so scrupulous to refrain from selling seeds that are not up to standard. **Holmes' Seeds** are grown on tracts free from weeds and foreign seeds and are reclaimed for seed stock. We spare no effort to make **Holmes' Seeds** such a standard of excellence that they may well be an example for others to attain.



Victory Oats.

## Soy Beans

Relished by All Livestock

Now occupy a prominent place in agriculture. They can be grown wherever corn can be grown; they furnish good forage and improve the soil. They will grow on soil too acid for clover and fit readily into any crop rotation. They furnish an excellent quality of feed, either as grain, hay or green forage. The best time for seeding is about corn planting time, or when the ground has become thoroughly warm. Soy Beans should not be sown too deeply, as poor stands frequently result from too deep covering. They can be planted with corn, or they may be planted alone either for hay or grain, followed the next year with wheat and corn. Corn and Soy Beans grown together can be hogged down with profit. Soy Beans are a legume fine for soil improvement. They should be inoculated for best results. **Good seed is essential to success.** When grown for seed it requires 2½ pecks drilled or 5 pecks sown solid; for hay, 6 pecks per acre solid, or for silage, 4 to 6 lbs. per acre when sown with corn. 60 lbs. per bushel.

**MANCHU.** A medium early (105 days) with erect and bushy plant, good for hay or pasture, or hogging off with early corn. **Write for Price List.**

**MIDWEST.** (Hollybrook). A medium late (120 days) widely grown for silage and hay and in corn for hogging off. **Write for Price List.**

**WILSON.** (Early Black Wilson). A medium late (120 days) variety which does well on the poorer type of soil. Plant tall and slender tending to twine. Probably the best known all round sort for silage and hay. **Write for Price List.**

*I assure you I like to buy from your firm and always hope to do so in the future.*—F. SAILER, Ohio.

## Seed Oats

To grow Oats at a profit, it is necessary to change seed often and plant only good, clean, high-yielding varieties. The slight difference in price is made up many times over by the great increase in the harvest. Best time to sow oats in Northern Ohio is between April 15th and May 5th. Delay in sowing decreases yields. Late seedling lowers the quality of the grain. Sow 2 to 3 bushels per acre.

**VICTORY.** This has proven very successful in Ohio. It is a branching or tree Oat with a thin white hull. It ripens early, and gives a bounteous yield. It has a strong stem holding up well under adverse conditions. Both for quality and yield this Oat is to be most highly recommended. It will succeed where many others fail. **Write for our Price List.**

**IMPROVED WHITE RUSSIAN.** This is the genuine side Oat sometimes called Horseman Oats. It yields well on any soil. It has proved a winner in Ohio, Pennsylvania, New York and almost all states both for yield and quality. This ripens medium early, has a plump white kernel with a thin hull, making an exceptionally fine feeding Oats. Has a very strong, stiff straw that stands up until cut, and is very rust-resistant. Give it a trial and be convinced. **Write for our Price List.**

**MIAMI.** This Oat originated by the Ohio Experiment Station has made a remarkable record throughout the northern half of Ohio, and is rapidly forging ahead in that section. It is an excellent branching or tree sort. The grain is large, white and plump. It is a strong grower and a good yielder, is early and ripens evenly. Does well on light soil. The seed we offer is beautiful in appearance and of strong germination. **Write for our Price List.**



## INOCULATOR

is just dusted on the seed. Takes but a moment to do it right in your seeder, you need no water at all. Sticks to seed and is a CLEAN, handy inoculation.

### ABSOLUTELY GUARANTEED

to give satisfactory results or your money back. This is for your protection. You are the judge of results.

Inoculate your Alfalfa, Sweet Clover, Soy Beans, Vetch, Peas, Beans and Clovers of all kinds, hastens maturity, increases the crop, improves its quality, enriches the soil and saves fertilizer bills.

Simple directions for mixing inoculator with your seed are printed on each package. Only a few minutes of your time is required to inoculate your legume seed. Many Master Farmers use McQueen's.

### FOR CLOVER OR ALFALFA

½ bu. size inoculates	30 lbs. seed.....	\$ .50
1 bu. size inoculates	60 lbs., seed.....	1.00
2½ bu. size inoculates	150 lbs. seed.....	1.75

### FOR SOY BEANS, COW PEAS, VETCH, PEAS OR BEANS—all large seed

1 bu. size inoculates	60 lbs. seed.....	\$ .50
2 bu. size inoculates	120 lbs. seed.....	1.00
5 bu. size inoculates	300 lbs. seed.....	1.75

### GARDEN PACKET

Peas, beans, lima beans, sweet peas.....	\$ .15
Always state kind of seed you wish to inoculate.	

**OWING TO MARKET CONDITIONS IT IS IMPOSSIBLE TO GIVE FIRM PRICES ON FARM SEEDS. IF INTERESTED, SEND FOR OUR FARM SEED PRICE LIST.**



# Holmes' Northern Alfalfa Seed

## Genuine Certified Grimm Alfalfa

Where Alfalfa is required that will have to withstand extreme cold weather conditions, or much of the adverse freezing and thawing. Grimm is becoming a favorite. It is about the least likely to winter-kill of any of the Alfalfas. We offer you genuine Grimm certified Alfalfa seed—grown in Idaho, field inspected and scarified, certified by the State Authorities and sealed. The Grimm Alfalfa seed generally produces plants with the crown type of roots and a more spreading root system than other Alfalfa. It is claimed that Grimm will thus outlast other strains. Grimm produces fine results. Sow 10 to 15 lbs. per acre. 60 lbs. per bushel. Write for Price List.

## Canadian Variegated Alfalfa

It is somewhat similar to the Grimm type, and costs much less. Has proven very resistant to cold. In New York, Ohio, New England States, and upper Pennsylvania, it has proven very hardy indeed. Demonstrations made by Cornell University (N. Y.), over a wide range of soils and climatic conditions in New York State showed this strain to almost equal Grimm in both hardiness and production. It has been grown successfully in Ontario, Canada for forty years. Write for Price List.

## Northwest Alfalfa

This is recommended as the choicest seed possible to secure. It is the cleanest, brightest and strongest seed from the Northwest. Only a strong, vigorous strain can endure the severe climatic conditions of those northern seasons. Feeble plants can't live there. Therefore, the seed matured is hardy. Write for Price List.

## Montana Alfalfa

Our genuine Montana Alfalfa is northern grown and able to withstand the rigorous Winter weather. In hardiness and productiveness it stands next to Grimm and Canadian Variegated. Do not be deceived by appearances, as southern seed looks as good as northern grown, but pin your faith to a reliable seed house that stands back of the seed it sends out. Write for Price List.

# White Blossom Sweet Clover

The Great Soil Builder, Pasture and Hay Crop.

Sweet Clover is now one of the leading crops throughout all the states. It is here to stay and is taking a place in importance right along with Red Clover and Alfalfa. One acre of Sweet Clover pasture will provide good pasturage for three or four cows in milk right through the Summer. In the climate of Northern Ohio Sweet Clover pasture will be at its best about June 1st. It needs to be pastured to keep it down. Cows will produce more on Sweet Clover pasture than when fed green crops cut for them. Seed the Sweet Clover at the rate of 12 to 15 lbs. to the acre with a nurse crop like barley, oats and peas to cut for grain. Lime the land fully as heavily as for Alfalfa. Can be pastured lightly the first Fall after the grain is cut. Then it will come on well the second year for pasture just as red Clover does for hay. Sweet Clover can also be sown successfully in June or July without a nurse crop. Inoculate the seed before sowing. Be sure to have a good seed bed. Most any well drained soil is all right for Sweet Clover and you will be pleased with the crop if you do your part in putting it in and handling it right. 60 lbs. per bushel. Write for Price List.

## Yellow Blossom Sweet Clover

This is the largest strain of Yellow Sweet Clover; biennial, the same as the Common White. Some say it is better for hay. Write for prices.

## Sudan Grass

Is Drought Resistant and Stands Grazing Well.

The cost of seeding is low. It is adapted to any soil and to most climates. It stands more hot weather than any other crop. Can be planted in the North after June, and makes two to three cuttings of hay, or grazed all Summer and Fall. It can be planted very late and makes a splendid catch crop in 35 to 60 days before frost. Makes a sure, good pasture within 40 days and a cutting of hay in 50 to 60 days. It makes its best growth in hot Summer weather when other pastures fail. It yields a heavy, leafy, fine-stemmed hay crop, that is easily and quickly cured, and is easy to handle. It is relished by all livestock and is equivalent to millets or timothy hay.



Holmes' Genuine State Certified Grimm Alfalfa

Sudan Grass can be sown either broadcast or planted with a drill. On light soils, drilling in rows 18 to 36 inches apart and given a few cultivations prove best. Sown in this manner, it will take 10 to 15 pounds of seed per acre. On fairly fertile soils sow broadcast or drill solid 20 to 30 pounds per acre. Write for Price List.

## Holmes' Certi-True Clover Seed

Insures the buyer of guaranteed, known origin, high germination and purity. Seed sound and dry, of good color and free from noxious weeds.



**RED CLOVER.** Sow 8 to 12 lbs. to the acre. This is the Common Red Clover so largely grown.

**MAMMOTH OR PEA VINE.** Also called Sapling. Sow 8 to 12 lbs. to the acre. This grows with a leafier stock than the medium. It yields enormous bulk.

**ALSIKE OR SWEDISH.** Sow 4 to 6 lbs. to the acre. Grows equally well on wet or dry soils. Very hardy.

**CRIMSON OR SCARLET.** Sow 10 to 15 lbs. to the acre. Excellent for green manure and cover crop. Fine for hay if cut when in blossom.

**WHITE DUTCH.** Sow 3 to 5 lbs. per acre with other grasses. Best for permanent pastures and lawns.

## Holmes' Recleaned Grass Seeds

**TIMOTHY** (Phleum pratense). Good seed is important for high yields and clean fields. The seed we offer any farmer would be proud to sow. Sow 8 to 10 lbs. per acre. Sown in Spring with clover one bushel to six acres. 45 lbs. per bushel. Write for Price List.

**KENTUCKY BLUE GRASS** (Poa pratense). For pasture and lawn it is unequalled. We do not handle cheap, light seed full of chaff and weeds. The standard weight per bushel is 14 pounds, but our pure recleaned seed runs 21 to 25 pounds. Sow 15 to 25 lbs. per acre. Write for prices.

**RED TOP** (Agrostis vulgaris). A wonderful grass to sow for hay and pasture. Does especially well on moist soils. We have the cleanest and purest seed obtainable. Sow 10 to 15 pounds per acre. 32 lbs. per bushel. Write for Price List.

**CANADIAN BLUE GRASS** (Poa compressa). Is an excellent grass for dry, sandy, thin soils and banks. Sow 15 to 25 pounds to the acre. 14 lbs. per bushel. Write for prices.

**ORCHARD GRASS** (Dactylis glomerata). Does well in shady places and is splendid for pasture mixtures. Grows quickly. Sow 15 to 25 pounds per acre. 14 lbs. per bushel. Write for Price List.



## Wisconsin Pedigree Barley

### The World's Champion Barley.

We offer Wisconsin Pedigree, the greatest of all six-rowed bearded Barley. There is really only one variety of six-rowed Barley in the world now worth considering—Wisconsin Pedigree. It is by far the best. Forget everything else. This Barley is the result of 12 years of painstaking breeding work carried on by Prof. R. A. Moore, Agronomist at the Wisconsin College of Agriculture. This Barley outyields all others, has a very stiff straw, standing up better than any other; has great vigor of growth, being taller than other Barleys. Barley needs a good fertile soil, clay or loam, for best results. It is seeded just after oats, as early in the Spring as possible. If drilled, use  $1\frac{1}{2}$  to  $1\frac{3}{4}$  bushels per acre. As a nurse crop for Clover or Alfalfa, there is no better crop to plant than Barley. It is not apt to lodge and smother out the new seedlings as is oats. For a nurse crop where the new seeding is of most importance, sow not over  $1\frac{1}{4}$  bushels per acre. 48 lbs. per bushel. **Write for our Price List.**

## New Velvet Barley

This new variety produced by the Minnesota Experiment Station is a heavy yielder producing as much or more grain than other sorts per acre. It has a very stiff straw and is more disease-resistant than other varieties. The great advantage of VELVET BARLEY over others lies in the fact that it is smooth awned having no barbs on the beards. Therefore much more easily handled than any other barley. In comparative tests it yielded from 33 to 60 bushels per acre or an average of 40 bushels per acre. Our seed is certified by the Ohio Seed Improvement Association. This will be a great seller in the next few years for seed. Drill  $1\frac{1}{2}$  to  $1\frac{3}{4}$  bushels per acre. 48 lbs. per bu. **Write for Farm Seed Price List.**

## Spring Rye

Spring Rye is entirely distinct from Winter Rye. It can be sown in the Spring a little later even than most other Spring grain and a crop harvested the same season. There is more and more demand for the seed each year, as farmers are finding out the value of this crop. Sow  $1\frac{1}{2}$  bushels per acre. 56 lbs. per bushel. **Write for our Price List.**

## Millets

**GOLDEN OR GERMAN.** The most popular of all the Millets. Of late years often called Golden. German Millet is a tall growing variety with large, stout stems, leaves broad and stiff. The seed heads are usually about an inch in diameter, of good length and well filled out with seed. For seed sow 25 pounds and for hay sow 50 pounds per acre. 50 lbs. per bushel. Time to sow, late May to early July. **Write for our Price List.**

**JAPANESE.** (Billion Dollar Grass). Japanese Millet is a remarkable forage plant. It is adapted to all sections; does especially well on low ground; produces a crop in a very short time; is relished as hay by stock of all kinds, or, if allowed to ripen, will produce a heavy yield of seed; fine for feed. If desired for hay, cut just before it heads out, or it can be left to ripen and threshed for the seed. Sow in May or July, 15 to 20 pounds per acre. 35 lbs. per bushel. **Write for our Price List.**

**HUNGARIAN.** Sometimes incorrectly called "Hungarian Grass." An early variety best adapted for planting in the eastern-central states. The hay is of excellent quality and the yield, under good conditions, averages 2 to  $2\frac{1}{2}$  tons per acre. For seed sow 25 pounds and for hay 48 pounds per acre. 48 lbs. per bushel. **Write for our Price List.**

## Sorghum—Sugar Cane

**EARLY AMBER.** The choicest variety and best for syrup. Also excellent fodder for horses, cows, hogs and sheep. This is the earliest and richest strain for northern latitudes. Sow in May and June. Requires 40 to 50 pounds of seed per acre broadcast; in drills, 15 to 20 pounds. 50 lbs. per bu. **Write for our Price List.**

## Cow Peas

**WHIPPOORWILL** is best for the northern states. A valuable legume for pasture, hay or improving the soil. Also splendid for silage—all stock eat it. Can be planted in June. In drills 45 lbs. per acre or broadcast 75 to 90 lbs. 60 lbs. per bu. **Write for Farm Seed Price List.**

## Winter, Sand or Hairy Vetch

### The Great Soil Builder and Cover Crop.

Vetch is the crop to make soils fertile and keep them so. It grows well on land where clovers do not thrive, and takes the place of these useful legumes. Vetch lives over Winter, making good Fall and early Spring pasture. It is a great crop to sow in the Fall to prevent leaching of the soil and wasting of plant foods. Plowed under in the Spring for corn, it will add many bushels to the yield. Vetch is usually sown from June to September, mixed with Fall rye, which holds up the Vetch plant. 20 pounds of Vetch is sown with a bushel of rye, but if a heavier stand is desired, sow 20 to 25 pounds. Winter Vetch can also be sown in the Spring with oats or any other Spring grain, and will furnish early Fall pasture, after the grain is cut. Inoculation increases the yield. The feeding value of Vetch is equal to Alfalfa. We have only the best quality pure Winter or Hairy Vetch. 60 lbs. per bushel. **Write for our Price List.**

## Buckwheat

**JAPANESE.** Succeeds well in the north. The grain is large of dark brown color. Always higher in the market than Silver Hull. Sow Buckwheat from June to July 15th, one bushel per acre. 50 lbs. per bu. **Write for Farm Seed Price List.**

## Broom Corn

**IMPROVED EVERGREEN.** The best variety for brooms. Brush long and straight; bright green color. Highest quality of seed. Drill 5 to 8 pounds per acre and cultivate. 45 lbs., per bushel. **Write for our Price List.**

## Canada Field Peas

One of the best hay and soiling crops. Usually sown with oats, which makes a rich, nutritious hay. Splendid to cut and feed green. Sow 60 to 90 pounds of Peas to 64 pounds of oats early in the Spring. 60 lbs. per bushel. **Write for our Price List.**

## Flax

Flax is a cool weather crop confined to the northern states. Soil should be thoroughly worked. Flax does not deplete the soil any more than oats or corn. Sow 1 bushel per acre from April to June. 56 lbs. per bu. **Write for Farm Seed Price List.**

## Sunflower

**MAMMOTH RUSSIAN.** A great food for poultry and hogs. Also grown quite largely now for silage. Also good for sheep pasture. Sow 6 to 8 lbs. per acre. 24 lbs. per bu. **Write for Farm Seed Price List.**

## Dwarf Essex Rape

### The Perfect Hog and Sheep Feed.

Recent experiments have shown that it is a more efficient and economical forage for fattening hogs than Blue Grass, Clover or Alfalfa. It is valuable for fattening lambs at weaning time. Since it is usually ready for use in 8 to 10 weeks from sowing, it is commonly grown as a catch crop, but deserves to be grown more widely and as a part of the regular cropping system on stock and dairy farms. It will stand more cold weather and last longer in the Fall than any of the grasses. An acre of Rape pasture may be estimated to carry 18 to 24 full fed pigs from June until close of grazing season. Sow Rape on richest and most fertile soil, using 5 to 8 pounds of seed per acre, if broadcasted, or 4 to 5 pounds if drilled. Plant after April first or later. 4 to 5 pounds of sweet clover seed may be mixed with the rape with good results. 50 lbs. per bushel. **Write for our Price List.**

## Field Pumpkins

(See page 30.)

## Soy Beans

### As an Emergency Hay Crop.

Soy Beans make a good emergency hay crop. The yield is good—often as much as two tons per acre and the feed value is high.

The crop can be put in about corn planting time or a little later and either broadcast or drilled at the rate of 5 or 6 pecks per acre. If the crop has not been grown on the field before, it will pay to inoculate so that the crop will get a part of its nitrogen from the air. We have a supply of this inoculant on hand.

Acid phosphate is likely to prove a help in getting a good crop and on soils that lack potash, it is also likely to pay.

Where the Winter wheat is grown it may follow Soy Beans to advantage.



# Holmes' Superb Flower Seeds

Our Flower Seeds are Fresh New Crop.

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

It is most remarkable the quantity of choice flowers a small plot of ground will produce.

**ALL FLOWER SEEDS AS LISTED ARE POSTPAID.**

## Achillea

1020 **Parmica, The Pearl** (Sneezewort; Double White Yarrow). One of the best hardy perennials; bears a profusion of small, double, white flowers during the entire season. Fine for cutting and cemetery decoration. Height 2 feet. Pkt., 25c; 1/16 oz., \$1.00.

## Acroclinium

1040 **Double Mixed**. Pretty annual, everlasting flowers; fine for Winter bouquets. 15 inches. Pkt., 10c; 1/4 oz., 30c.

## Ageratum - Floss Flower

Valuable for bedding, as it is literally covered with blossoms all Summer. Sow the seed early in the Spring, either in boxes to transplant, or outdoors, and thin to 4 to 6 inches. Annual.

1072 **Blue Perfection**. Deep blue; height 9 inches. Pkt., 10c; 1/4 oz., 35c.

1074 **Little Blue Star**. A very dwarf variety used largely for edging, growing about 4 to 5 inches high; clusters of bright blue flowers. Pkt., 25c; 1/4 oz., \$1.00.

## Alyssum - Sweet Alyssum

Pretty little plants for beds, vases, baskets, edgings or rockwork, blooming profusely all Summer; useful also for Winter flowering. Very sweetly scented. Annual.

1081 **Little Dorrit**. Dwarf white, compact habit, fine for edging. 4 inches. Pkt., 10c; 1/4 oz., 20c; oz., 75c; 1/4 lb., \$2.50.

1082 **Lilac Queen**. Deep lavender-lilac of dwarf, compact habit. 6 inches. Pkt., 10c; 1/4 oz., 25c; oz., 75c.

1083 **Carpet of Snow** (Dwarf Bouquet). Dwarf, compact habit. Blooms when quite small; a solid mass of white from Spring to late Fall. 4 inches. Pkt., 10c; 1/4 oz., 20c; oz., 75c; 1/4 lb., \$2.50.

1084 **Saxatile compactum** (Basket of Gold). Perennial. Spring-blooming Alyssum with yellow flowers. 12 inches. Pkt., 10c; 1/4 oz., 40c.

## Amaranthus

1091 **Tricolor splendens** (Joseph's Coat). An improvement on the old sort of more brilliant color. This annual thrives best in a hot, sunny location on soil not too rich, with sufficient room to develop their full beauty. 2 1/2 feet. Pkt., 10c; 1/4 oz., 25c.



## Flowers for Different Purposes

Which Can Be Grown From Seed

### FLOWERING ANNUALS

Including some perennials which flower the first season from seed. Those marked \* are the best for massing in beds and borders.

* Acroclinium	Helianthus
* Ageratum	Helichrysum
* Alyssum	* Larkspur
* Antirrhinum	Lobelia
* Arctotis	* Lupinus
* Aster	* Marigold
* Balsam	Marvel of Peru
* Begonia	* Mignonette
* Calendula	Myosotis
* Calliopsis	* Nasturtium
* Candytuft	Nicotiana
* Celosia	* Nigella
* Centaurea	* Pansy
* Chinese Wool	* Petunia
Flower	* Phlox
* Chrysanthemum	Pinks
* Clarkia	* Poppy
* Coreopsis	Portulaca
* Cornflower	Salpiglossis
* Cosmos	Salvia
Daisy	Scabiosa
* Dianthus	Stevia
* Dimorphotheca	* Stocks
* Eschscholtzia	Sunflower
* Gaillardia	Sweet Peas
* Godetia	Verbena
Gypsophila	* Zinnia

### ROCK GARDENS

Those Marked \* are Perennials

Ageratum	* Iberis
Alyssum	Lobelia
* Aquilegia	* Myosotis
Brachycome	Phlox
* Cerastium	Portulaca
* Dimorphotheca	* Viola
Gypsophila	

### FLOWERING PERENNIALS

Anchusa	Lupinus
Anemone	Lychnis
Aquilegia	Myosotis
Bellis	Pentstemon
Campanula	Phlox
Carnation	Polyanthus
Chrysanthemum	Poppy, Orientale
Coreopsis	Pyrethrum
Daisy	Salvia
Delphinium	Scabiosa Caucasica
Digitalis	Shasta Daisy
Gaillardia	Statice
Gypsophila	Sweet William
Hollyhock	Viola
Lobelia	Wallflower

### EDGING AND BORDER PLANTS

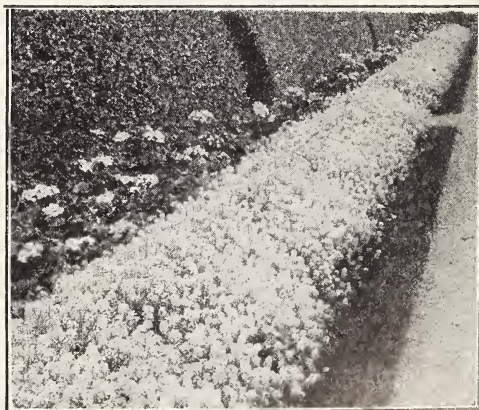
Ageratum	Marigold, French
Alyssum	Myosotis
Begonia	Nasturtium, Tom
Bellis	Thumb
Candytuft, Dwarf	Pansies
Centaurea	Petunia, Rosy Morn
Candidissima	Phlox Drummondii
Daisy	Polyanthus
Dimorphotheca	Pyrethrum
Lobelia	Viola

### VARIETIES FOR SHADED AND PARTIALLY SHADED PLACES

Aquilegia	Godetia
Begonia, Tuberous	Lobelia Cardinalis
Bellis	Mimulus
Cineraria	Myosotis
Clarkia	Polyanthus
Daisy	Primula
Digitalis	Viola

### TALL CLIMBING ANNUALS

Bellis	For Arbors, Verandas, etc.
Balloon Vine	Hyacinth Bean
Canary Bird Vine	Japanese Hop
Cardinal Climber	Morning Glories
Cypress Vine	Moonflower
Cocoba Scandens	Nasturtium
Gourds	Scarlet Runner



Sweet Alyssum.



## Anchusa Italica

1094 **Dropmore.** Hardy perennial. Bears abundant flowers of the richest gentian blue. More popular every season. 3 to 5 feet. Pkt., 10c; ¼ oz., 40c.

## Anemone - Windflower

1097 **St. Brigid.** Hardy perennial. Sow outdoors in Spring; keeping shaded till the plants appear. 18 inches. A beautiful selection of semi-double and double flowers in a wonderful array of colors. Pkt., 15c; ¼ oz., \$1.00.

## Antirrhinum - Snapdragon

### Holmes' Super Giants

**Tall Maximum** This is the most superb creation in Giant Snapdragon. The plants are very robust and form flower spikes of indescribable beauty, 3 feet tall. The individual flowers are placed closely on the stems. They are of remarkable size and of the loveliest and softest pastel tones. They are as easily grown from seed as any ordinary Snapdragon. A few clumps of these Snapdragons scattered through your border will help to make your flower garden rank among the finest of landscape creations. For cutting, these Snapdragons are unsurpassed. The long, graceful spikes of soft blending tones will lend distinction to any setting.

1110 **Appleblossom.** Soft appleblossom-pink. Pkt., 20c.  
 1111 **Canary Bird.** Canary-yellow with deeper yellow lip. Pkt., 20c.

1112 **Copper King.** Bronzy copper color. Pkt., 20c.

1114 **Old Gold.** Rose on yellow ground. Pkt., 20c.

1115 **Snowflake.** Dazzling white. Pkt., 20c.

1117 **The Rose.** Rich rose-pink. Pkt., 20c.

**Collection** containing a packet each of the 6 sorts, \$1.00.

1118 **Holmes' Super-Giants Mixed.** All colors. pkt., 15c; ¼ oz., 60c.

## Medium Large Flowered

Height about 18 inches.

1120 **Empress.** Rich velvety crimson. Pkt., 10c.

1122 **Fawn.** Rose and gold. Pkt., 10c.

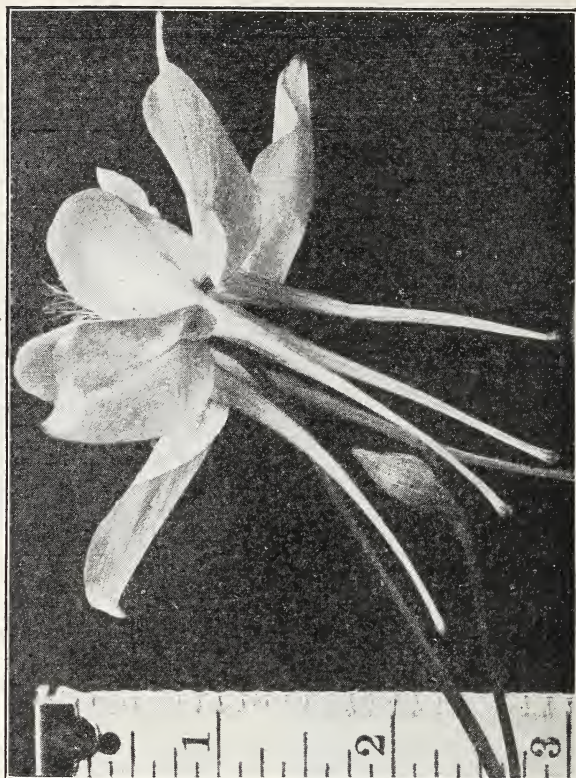
1123 **Golden Queen.** Rich yellow. Pkt., 10c.

1124 **Grenadier.** Orange-scarlet. Pkt., 10c.

1126 **Purity.** Pure white. Pkt., 10c.

1127 **Silver Fink.** Pearly pink. Pkt., 10c.

1130 **Mixed.** All colors. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.



Mrs. Scott Elliott's Strain of Long Spurred Hybrids.

## Aquilegia - Columbine

The hardy Columbines are among the earliest flowering perennials. They are easily grown, thriving in comparatively poor soil and in partial shade, and are general favorites for border planting. Height 2 feet.

1134 **Mrs. Scott Elliott's Strain of Long-Spurred Hybrids.** Allowed by the Royal Horticultural Society to be the best strain ever raised and has received awards at every exhibition where shown. The blooms are large, with very long spurs and range in color through shades of lavender, mauve, blue, purple, cream, yellow, pink, and red, making beautiful group harmonies. Pkt., 25c; ¼ oz., 85c.

1135 **Holmes' Majestic Long-Spurred Hybrids.** A grand variety of colors in the long-spurred, large-flowering forms. Pkt., 10c; ¼ oz., 50c.

1137 **Coerulea** (Rocky Mountain Columbine). Violet, blue, white. Pkt., 10c; ¼ oz., 50c.

1138 **Chrysantha.** Long-spurred, golden yellow. Pkt., 10c; ¼ oz., 50c.

1139 **Double Large-Flowering.** Mixed colors. Pkt., 10c; ¼ oz., 30c.

## Arctotis - African Daisy

1145 **Grandis.** Annual. Daisy-like flowers; white shaded blue. 2 feet. Pkt., 10c; ¼ oz., 25c.

## Asters

**HOLMES' MATCHLESS.** Annual. The largest and most prolific of all Asters. These are in every way a superior race of Asters. The plants are very healthy, robust, of branching growth, 2 feet high and over, producing on long stems, immense chrysanthemum-like flowers of perfect form. They are wonderfully prolific and continuous bloomers. The decorative effect of a bed or vase of these Asters cannot be surpassed. These magnificent flowers ordinarily measure 3½ to 4 inches, but if the lateral or side branches be removed, leaving but on bloom to the stem, they will measure from 4½ to 5 inches across.

1160 **Crimson.** Pkt., 15c.

1162 **Purple.** Pkt., 15c.

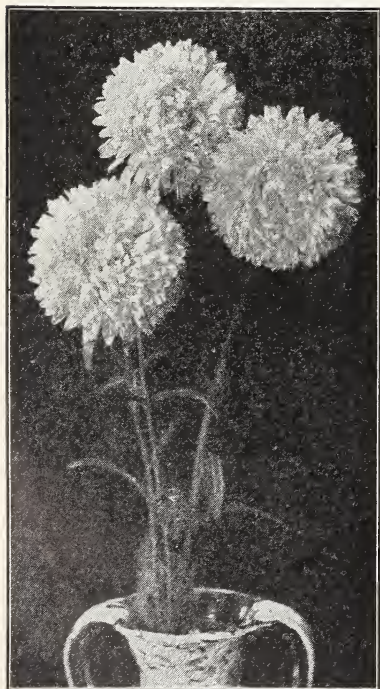
1164 **Lavender.** Pkt., 15c.

1166 **Pearl Pink.** Pkt., 15c.

1167 **White.** Pkt., 15c.

1169 **Holmes' Matchless Mixed.**

Pkt., 15c; ¼ oz., 50c; ½ oz., \$1.00.



Holmes' Matchless Aster.



## Improved American Asters

The varieties below are all of American origin and are the "cream" of the many distinct sorts originated in America. The lover of Asters should have every one of them in his collection. They represent the highest development in Asters and will give entire satisfaction.

**1171 Heart of France.** The best pure red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full with never a trace of hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals. The plants begin to bloom quite early in the season and open fully with the midseason varieties. They retain their brilliancy and luster for a longer period than almost any other color. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; 1 oz., \$1.00.

**1173 Peerless Pink.** The plants grow 24 to 30 inches tall. The fine, double flowers are of large size. The color is a wonderful shade of rich pink which lightens up under artificial light. Pkt., 10c; ¼ oz., 35c; ½ oz., 55c.

**1177 Lavender Gem.** Attractive feathery flowers. The coloring is silvery white when first opening, changing to the most delicate shade of lavender. Fine for bedding. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; 1 oz., \$1.00.

**CALIFORNIA GIANT.** In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American Beauties. The flowers average 5 to 6 inches across and are produced on stout stems 18 to 24 inches long. We urge all who grow Asters for cut flowers to try the California Giants, believing they are destined to become the most valuable of all Asters for cutting.

1186 Light Blue	1184 Deep Rose
1180 Peach Blossom	1185 White
1182 Dark Purple	1188 Mixed Colors

Price, pkt., 15c; ¼ oz., 65c.

**1189 Complete Collection.** One packet of each of the above five varieties, 60c.

**QUEEN OF THE MARKET.** The first to bloom. Of medium height and branching habit. Popular for early cut flowers. 18 inches.

**1200 Mixed Colors.** Pkt., 10c; ¼ oz., 45c; oz., \$1.50.

**EARLY ROYAL.** These follow the Queen of the Market Asters. Large, full, double flowers on long, straight stems. Free blooming and fine for cutting. 2 feet.

1204 White	1208 Lavender
1205 Shell-Pink	1209 Purple
1207 Rose	1210 Mixed

Price, pkt., 10c; ¼ oz., 50c; oz., \$1.75.

**AMERICAN BEAUTY.** This beautiful variety is beyond doubt, one of the grandest sorts in cultivation. It is of the Late Branching type, 2 to 2½ feet high. The flowers, from 4 to 5 inches in diameter, are full with incurved petals, and on stems from 15 to 20 inches long.

1212 Shell-Pink	1215 Lavender
1213 Deep Rose	1217 Purple
	1219 Mixed

Price, pkt., 15c; ¼ oz., 35c; ½ oz., \$1.25; oz., \$2.00.

**Collection:** One pkt. each of above 4 colors for 50c.

**CREGO'S GIANT COMET.** Sturdy, branching plants, 2 feet tall. Large, fluffy flowers with flat, recurved, twisted petals on good stems. Fine for both bedding and cutting.

1221 White	1226 Crimson
1222 Shell-Pink	1228 Lavender
1224 Deep Rose	1231 Purple

1233 Mixed

Price, pkt., 10c; ¼ oz., 50c; oz., \$1.75.

**KING ASTERS.** A distinct and most attractive type, producing large flowers with straight, quilled petals on long, stiff stems. 20 inches.

1235 White	1238 Crimson
1236 Shell-Pink	1239 Lavender
1237 Rose	1240 Violet

1242 Mixed Colors

Price, pkt., 10c; ¼ oz., 50c; oz., \$1.75.

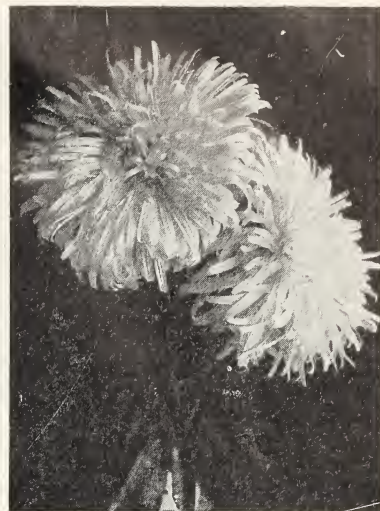
**SEMPLE'S GIANT BRANCHING.** Blooming in September, these are the most popular and widely grown of all the Asters. Vigorous plants, 2½ feet or more in height, covered with large, double flowers on extra long stems. Excellent for cutting.

1244 Pure White	1249 Lavender
1245 Shell-Pink	1250 Azure-Blue
1247 Deep Rose	1251 Purple
1248 Crimson	1253 Mixed

Price, pkt., 10c; ¼ oz., 45c; oz., \$1.50.

**SUNSHINE ASTERS.** A most attractive Anemone-flowered variety of special value for cutting, with a wonderful array of dainty colors covering all the color tones usual to the Aster.

**1260 Mixture.** Containing all colors. Pkt., 15c.



California Giant Aster.

**SINGLE ANNUAL ASTERS.** Single Asters are becoming more popular each season. We do not know of any class of flowers more valuable for cutting. The flowers are carried on long stems, and much resemble the single Japanese chrysanthemum. Our strain has long petals and a very small center.

**1265 Chinese Mixed.** Provides a nice assortment of color. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

**ASTER, PERENNIAL (Michaelmas Daisy).** Our splendid Autumn-flowering Aster; greatly improved as to size. Height 4 feet.

**1268 Mixed Colors.** Pkt., 15c.

## Holmes' Invincible Aster Collection

This magnificent collection contains the finest and most complete assortment of mammoth-flowering Asters—the newest kinds, all colors, all varieties; early and late, the symmetrical globe-shaped and the fluffy chrysanthemum sorts.

One packet each of **Simple's Giant Branching Mixed, Giant Royal Mixed, Crego Mixed, American Beauty, King Mixed, Heart of France**, all for 50c, postpaid.

**BACHELOR BUTTON.** (See *Centaurea cyanus*).

## 1270 Balloon Vine - Love-in-a-Puff

Annual climber. White flowers followed by balloon-like seed pods. 15 feet. Pkt., 10c; oz., 25c.

## Balsam - Lady's Slipper

Annual. Showy and easily grown, doing best in rich soil in sunny situation. 18 inches.

**1272 Double Camellia-Flowered Mixed.** Pkt., 10c; ¼ oz., 25c.

## 1274 Bean, Scarlet Runner

Annual vine. A rapid climber flowering profusely. Grows 10 to 15 feet. Pkt., 10c; ¼ lb., 15c.

## Bellis - Double English Daisy

Perennial. Blooms from early Spring until well into Summer. 9 inches. Fine for edging.

**1276 Monstrosa Pink**      **1278 Monstrosa White**

**1277 Monstrosa Red**      **1279 Monstrosa Mixed**

Price, pkt., 15c; ¼ oz., 75c.

**BLUE LACE FLOWER.** (See *Didiscus coeruleus*).

## Brachycome or Swan River Daisy

A hardy garden annual, making a compact bush 8 inches high; single blue or white flowers. It is very suitable for beds or borders as it blooms most of the Summer. As a pretty pot plant for the house it is very desirable; the flowers lasting a long time.

**1284 Mixed Colors.** Pkt., 10c; ¼ oz., 35c.

## How to Grow Asters

Ask for a free copy of this leaflet when you order your Aster seed.





Hyacinth-Flowered Candytuft.

- 1286 **Holmes' Majestic Strain.** Richest and most marvelous variety of shades and markings. Pkt., 50c.

### Calendula (Cape Marigold)

This is one of the best and showiest free-flowering, hardy annuals, blooming continually from early Summer until killed by frost. Valuable also for pot culture. 12 inches.

- 1289 **Orange King.** Dark orange-red. Pkt., 10c; oz., 40c.

- 1290 **Lemon Queen.** Large, double, sulphur-yellow. Pkt., 10c; oz., 40c.

- 1291 **The Ball Gold.** Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange. Pkt., 20c; ¼ oz., \$1.00.

- 1292 **The Ball Orange.** This new orange Calendula represents a very great improvement in size, length of stem, and double flowers. Pkt., 20c; ¼ oz., \$1.00.

- 1293 **Campfire or Sensation.** A crimson-orange, more crimson than any Calendula ever before produced. Pkt., 20c.

- 1295 **Radio.** An entirely distinct and new form of Calendula. The flowers are brilliant orange, globular in shape and the quilled petals, which is the chief feature, present an extremely striking appearance. Pkt., 25c.

- 1294 **Mixed.** All varieties. Pkt., 10c; oz., 25c.

### Calliopsis

Annual. An excellent flower for massing in an annual border. The brilliant flowers are borne upon long stems and are useful for cutting. Dwarf sorts 18 inches tall; 3 feet. Seed sown in Spring where plants are to bloom and thin to stand 8 to 12 inches apart. They prefer a sunny spot.

- 1298 **Golden Wave (Drummondii).** Pure yellow flowers, very large and showy. Pkt., 10c; ¼ oz., 25c.

- 1303 **Finest Mixed.** All shades of yellow, red and brown. 12 inches. Pkt., 10c; ½ oz., 20c.

### 1330 Canary Bird Vine

Pretty climber, with yellow, butterfly-like flowers. Annual. 10 ft. Pkt., 10c; oz., 40c.

### Begonias

#### Everblooming Bedding

A continuous flowering section of Begonias of the greatest value for bedding. The flowers are of brilliant colors and borne in great profusion from Summer to Autumn. 12 inches. Annual.

- 1280 **Gracilis luminosa.** Large, bright scarlet flowers. Reddish brown foliage. Pkt., 25c.

- 1281 **Gracilis, Prima Donna.** The flowers are a brilliant clear pink, shading to carmine rose. Pkt., 25c.

- 1282 **Semperflorens, Mixed.** Dwarf; compact; very free-blooming; elegant for bedding. Pkt., 15c.

Highly prized plants for conservatory and house decoration.

### Canterbury Bells

Well known, handsome, hardy biennials, bearing large bell and saucer-shaped flowers. 2 feet.

- 1315 **Medium Mixed.** Pkt., 10c; ¼ oz., 25c.

- 1320 **Calycanthema Mixed** (Cup and Saucer). A race of Canterbury Bells having large, semi-double flowers resembling a cup and saucer. 2 ft. Pkt., 10c; ¼ oz., 75c.

- 1310 **Pyramidalis.** The favorite "Chimney Bell Flower," so prized in old-fashioned gardens. It is a hardy perennial, producing spikes 4 to 5 feet high, encircled about half of their length with large, bell-like flowers of white or shades of blue. It thrives in any good soil and is very ornamental. Mixed colors. Pkt., 10c; ¼ oz., 50c.

### Cardinal Climber

- 1345 A beautiful annual vine of rapid growth. The cardinal-red flowers resemble those of the cypress vine, but are much larger, and are produced in great quantities continuously throughout the Summer. Splendid for covering stumps and trellises. 20 to 30 feet. Pkt., 15c.

### Carnation

- 1355 **Chabaud's Giant, Improved** (Outdoor Strain). Hardy. Sweet scented. Easily grown from seed. Commences to bloom five months after seed is sown and continues flowering throughout entire Summer. The large flowers are double and of fine form. 18 inches. Mixed colors. Pkt., 25c; ¼ oz., 50c.

- 1350 **Giant Double Marguerite.** Very popular Carnations with the amateur, as they flower in July or August if sown in April. This strain is of extra fine quality and has large, double, beautifully fringed, highly scented flowers. If protected they survive an ordinary Winter and bloom freely next Spring. Height 1½ feet. Mixed. Pkt., 10c; ¼ oz., 25c.

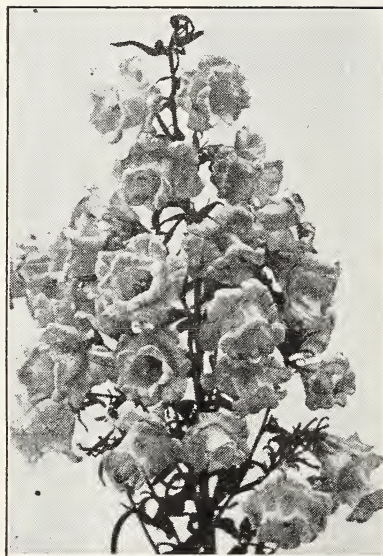
**CASTOR BEAN.** (See Ricinus).

### Celosia - Cockscomb

- 1369 **Dwarf Mixed.** (Annual). Resembles a cock's comb. In brilliant colors, fine for massing or border work. 1 foot. Pkt., 10c; ¼ oz., 50c.

- 1375 **Plumosa, Mixed.** Feathered sorts in all colors. 2 feet. Pkt., 10c; ¼ oz., 25c.

- 1360 **Chinese Woolflower** (Childs). (Annual). This is a unique type with large, globular heads like balls of silky wool, and can be cut and dried, lasting a long time. 2 feet. Pkt., 10c; ¼ oz., 40c.



Canterbury Bells—Cup and Saucer.

### Candytuft - Iberis

A very hardy annual; easy to grow, and very fragrant. The blossoms are borne on long spikes, and the newer varieties are quite large flowering and very fragrant. Valuable for bedding or massing and for cutting. Height, 6 to 15 inches.

- 1335 **Giant Hyacinth-Flowered White.** Immense, pure white spikes, specially selected. Pkt., 10c; ¼ oz., 25c; oz., 75c.

- 1336 **Rose Cardinal.** Very rich, striking color, quite distinct. Pkt., 10c; ½ oz., 30c; oz., 50c.

- 1338 **Lavender.** A pleasing shade. Pkt., 10c; ½ oz., 30c; oz., 50c.

- 1340 **Mixed.** All colors. Pkt., 10c; ½ oz., 25c; oz., 40c.

- 1343 **Gibraltarica** (Hardy Perennial). Showy large flowers, lilac shading to white. 12 inches. Pkt., 10c; ¼ oz., 35c.



Carnation.



## Centaurea

Centaureas are hardy annuals and embrace a number of species, some being grown only for their foliage. All make excellent cut flowers. Height, 1½ to 2 feet.

**Cyanus** (Bachelor's Button; Bluebottle; Cornflower). Of easy culture. Sow the seed where it is to remain and thin plants to 3 to 4 inches apart.

1390 **Double Blue**. Pkt., 10c; ¼ oz., 25c.

1391 **Double Pink**. Pkt., 10c; ¼ oz., 25c.

1393 **Double White**. Pkt., 10c; ¼ oz., 25c.

1395 **Double Mixed**. Pkt., 10c; ¼ oz., 25c; oz., 50c.

1400 **Giant Sweet Sultan** (Imperialis). Annual. Mixed colors. Fine for cut flowers. 2½ feet. Pkt., 10c; ¼ oz., 25c.

1380 **Dusty Miller** (Candidissima). White-leaved. Used for edging. Compact plants with silvery leaves. 1 ft. Pkt., 10c; ¼ oz., 50c.

## Cerastium (Snow-in-Summer)

1410 **tomentosum**. A perennial dwarf white-leaved edging plant with small white flowers. 6 inches. Pkt., 15c; ¼ oz., 75c.

## Chrysanthemum (French Marguerite)

Annual. These plants provide in the garden masses of bloom which are interesting as cut flowers, growing about 2 feet tall.

1414 **Single Mixed** (Painted Daisies). Many colors. Pkt., 10c; ¼ oz., 20c; oz., 50c.

1415 **Double Mixed**. Yellow, white, purple and crimson. Pkt., 10c; ¼ oz., 20c; oz., 50c.

## Chrysanthemum, Single Hardy

1420 **Daisy, Shasta** (Alaska). The best of the Shasta Daisy as originated by Luther Burbank. A fine perennial plant, bearing large, white, single blossoms, with yellow centers; an excellent cut flower. Soak seed in warm water before sowing. 3 feet. Pkt., 15c; ¼ oz., 25c.

## Cineraria

1425 **Holmes Dwarf Prize Mixed**. One of the most gorgeous colored flowers, for greenhouse or conservatory. Seeds should be sown from May to September for succession. Improved habit, extra fine colors, with vigorous and compact growth, flowers large. 12 inches. Pkt., 25c.

## Clarkia

1430 **Double Mixed Clarkia**. Annual. Excellent for borders and for hanging baskets. The stems are wiry and slender so that the plants are inclined to be almost prostrate unless they are staked. Cut just before they bloom, the flowers open nicely in water. Height 2 feet. Bloom from July to October. Pkt., 10c; ¼ oz., 30c.

## Cleome (Spider Plant)

1440 **Pungens**. Bright rosy crimson flowers; adapted for large beds or borders. Annual. 3½ feet. Pkt., 10c; ¼ oz., 25c.

## Cobaea

1445 **Scandens**. Tender. Annual climber; large, bell-shaped blue flowers. 30 feet. Pkt., 10c; ¼ oz., 25c.

## Coleus

1450 **Holmes Royal Mixed**. Choicest and newest varieties, saved from one of the choicest collections. Great range of color. Pkt., 25c.

**COLUMBINE**. (See Aquilegia).

## Cynoglossum (Chinese Forget-Me-Not)

1493 **Amabile**. Annual. Recently a lovely blue Forget-Me-Not-like flower has been introduced to our gardens from China. It grows 2 feet tall with long sprays of deep clear blue flowers. Makes a splendid blue border plant, and is a good cut flower. Thrives in full sun or partial shade. Pkt., 15c; ¼ oz., 40c.



Centaurea Cyanus—Bachelor's Button.

## Coreopsis

1455 **Lanceolata Grandiflora** (Perennial). Large flowers of rich orange-yellow. One of the finest of hardy plants, much prized for cutting as they last a long time. Easily grown from seed, flowering the first year. 2 feet. Pkt., 10c; ¼ oz., 25c.

**CORNFLOWER**. (See Centaurea cyanus).

## Cosmos

Annual. Serves our need for tall, beautiful Autumn-blooming plants. The stems are long and the flowers keep in water for a week. No garden should be without at least a few plants. To redeem the appearance of a new shrub planting, Cosmos are most useful. 3 to 4 feet.

1460 **Double Early Crimson**.

1461 **Double Early Pink**.

1463 **Double Early White**.

1464 **Double Early Mixed**.

Pkt., 15c; ¼ oz., 75c.

1465 **Single Early Giant Crimson**.

1466 **Single Early Giant Pink**.

1468 **Single Early Giant White**.

1469 **Single Early Giant Mixed**.

Pkt., 10c; ¼ oz., 20c; oz., 60c.

## Cowslip (Primula veris)

1480 **Mixed**. A Perennial Spring-flowering plant. Beautiful colors, rich brown, crimson and yellow. Fine for borders. Fragrant. 10 inches. Pkt., 15c.

## Cypress Vine

1485 **Choice Mixed**. A fast growing annual vine, with feathery, dark green foliage and starlike flowers. 15 feet. Pkt., 10c; ¼ oz., 20c; oz., 50c.

## Cyclamen

1489 **Persicum Giant Mixture**. A charming house plant for Winter and Spring flowering as they last a long time and bloom freely. Very large flowers, extra free bloomer. Pkt., 15c; 100 seeds, \$1.00.



Shasta Daisy, Alaska.



## Dahlias

1495 **Double Large Flowering Mixed.** This popular perennial flower can be easily raised from seed, flowering the same season. Pkt., 15c.

**DAISY.** (See Bellis, also Chrysanthemum).

## Delphinium (Larkspur)

Perennial. Handsome plants for the herbaceous border and shrubbery, and fine for cutting.

1501 **Belladonna Improved.** A greatly improved strain of the popular Belladonna, with a brighter larger blue flower, a more vigorous and taller growth and excelling any other Belladonna we have ever seen for continuous blooming. It comes true from seed. Pkt., 25c.

1502 **Bellamosa.** A rich deep blue form of the popular light blue Belladonna. Pkt., 25c; ½ oz., \$1.00.

1504 **Imperial.** A combination of the finest strain in the world. 7 to 9 ft. tall. 3 to 5 ft. flower heads. Flowers from 2 to 3 inches in diameter. Every shade of blue, violet, purple and indigo. Also pink, yellow and white. Singles, doubles, triples, fluted and ruffled. Selection made from 48 varieties. Pkt., \$1.00.

1507 **Holmes' Majestic Hybrids.** This strain is made up of the finest strains from the old perennial gardens of England where the Delphinium is found in its greatest perfection. The wonderful colors and combinations of colors are impossible to describe. Pkt., 25c.

1508 **English Wrexham Strain.** Called the Hollyhock strain. Seed from the very finest and newest unnamed seedlings go into this mixture which is grown for us by the leading Delphinium specialist. Pkt., 35c; ½ oz., \$1.00.

## Dianthus (Pinks)

Blooming as they do from early Summer until late Fall, Pinks are constant delight both for garden display and for cutting. Height 12 inches. Annuals.

1515 **Single China Mixed.** Large attractive flowers of most brilliant colors. Pkt., 10c; ¼ oz., 25c.

1520 **Double Japan Mixed.** Large double flowers in unlimited colors. Pkt., 10c; ¼ oz., 30c.

### HARDY GARDEN PINKS

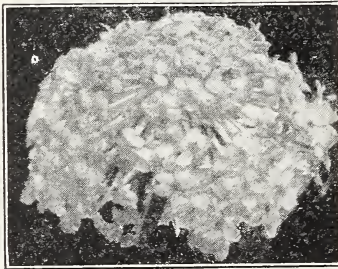
1545 **Allwoodi.** A new race of hardy plants which do well in any ordinary garden soil. Blooming in the early Spring they continue to flower well into Autumn. Also very suitable for growing in rockeries, window boxes, and in pots for use in the cool greenhouse. Seed can be sown in Spring and Summer out of doors and in Autumn and Winter under glass. Finest mixed, saved from the best sorts, pkt., 35c.

1550 **Flumarius, Double (Double Clove Pink).** A double flowered sort, in various colors. The foliage makes a pretty border; flowers delightfully clove scented. Pkt., 15c; ¼ oz., 60c.

1552 **Flumarius Semperflorens (Ever-blooming Hardy Garden Pinks).** Very

beautiful, sweet-scented, double, semi-double and single flowers in a great diversity of color. Pkt., 20c; ¼ oz., 75c.

1553 **Latifolius Atrococcineus fl. pl.** (Everblooming Sweet William). This is a cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense crimson. Pkt., 15c; ¼ oz., 50c.



Blue Lace Flower.



1515 Single China Pinks.

## Didiscus (Blue Lace Flower)

1560 Annual. The beautiful flower heads are made up of small azure-blue flowers like those of the wild carrot or Queen Anne's Lace. The stems are somewhat hairy and grow 2 feet tall. They flower during July and August. Excellent for cutting. Arranged in a vase with fine foliage, the blooms display their charms to advantage. Pkt., 15c; 2 pkts., 25c.

## Digitalis (Foxglove)

Perennial. Handsome plants of sturdy growth, very easy of cultivation. Spikes 4 to 5 feet high with giant flowers in all shades.

1570 **Holmes' Superb Mixed.** All colors. Pkt., 10c; ¼ oz., 40c.

1573 **Shirley Mixed.** Very large flowers. Long spikes. Pkt., 15c; ¼ oz., 50c.

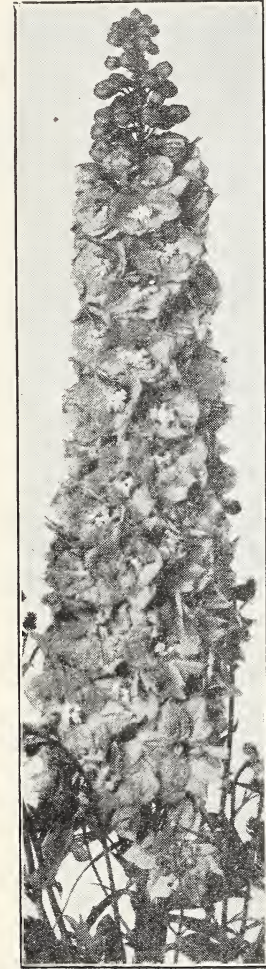
## Dimorphotheca (African Orange Daisy)

1580 **Aurantiaca.** Annuals which may be cut for use in bowls, or used for display outside. In the garden each plant is a mat of color all season. 14 inches tall. Pkt., 10c; ½ oz., 40c.

## Dolichos (Hyacinth Bean)

1585 **Lablab, Mixed.** Annual climber with clusters of beanlike flowers for arbors and trellises. Sow in the garden in May. 10 feet. Pkt., 10c; oz., 25c.

*I was very well satisfied with the seeds and everyone who sees my garden say it is the best they have seen.*—FRANK VOSMIK, Ohio.



Delphinium, Hollyhock Strain.



Digitalis—Foxglove.



**Eschscholtzia** (California Poppy)

Very attractive annuals for beds, edgings, masses; profuse flowering; fine cut, glaucous foliage; blooms from July to frost. 1 ft.

1600 **Aurantica**. Rich golden orange. Pkt., 10c; ¼ oz., 30c.  
1602 **Carmine King**. Rich carmine-rose. Pkt., 10c; ¼ oz., 30c.

1605 **Geisha**. Orange-crimson, inside petals rich golden. Pkt., 10c.

1608 **Holmes' Superfine Mixed**. New large-flowering, containing the new colors. Pkt., 10c; ¼ oz., 30c; oz., \$1.00.

**Euphorbia** (Snow-on-the-Mountain)

1616 **variegata**. White and green bracts; excellent for cutting. Annual. 2 ft. Pkt., 10c; oz., 40c.

**FORGET-ME-NOT**. (See *Myosotis*).

**FOXGLOVE**. (See *Digitalis*).

**FOUR O'CLOCK**. (See *Marvel of Peru*).



Eschscholtzia—California Poppies.

**Gaillardia** (Blanket Flower)

Excellent for the annual and perennial borders where they start to flower in June and continue after many other flowers are killed by the frost. Also prized as cut flowers.

1625 **Double-Flowering Mixed**. Beautiful mixed colors. Annual. 18 inches. Pkt., 10c; ¼ oz., 40c.

1626 **Dazzler**. Perennial. Large flowers up to 5 inches across, bright golden yellow with rich maroon red center; fine for cutting. 2 ft. Pkt., 20c; ¼ oz., \$1.00.

1628 **Portola Hybrids**. Perennial. The flowers produced by this strain are enormous and the color range is fairly wide, centering around reddish bronze and gold, with long stiff stems. 2½ ft. Pkt., 20c; ¼ oz., \$1.00.

**Gerbera** (The Transvaal Daisy)

1635 **Jamesoni hybrida**. Flowers 3 to 4 inches across. Unsurpassed for cut flowers, being of splendid lasting substance. Coloring an infinity of tints, from red to violet, pure white through yellow, orange, salmon, rose, cerise and ruby-red. Perennial. 18 inches. Pkt., 25c; 100 seeds, \$1.00.

**Godetia** (Satin Flower)

1640 **Finest Mixed**. Bushy annual with showy large flowers. Grows quickly, is excellent for beds and borders. 12 inches. Pkt., 10c; ¼ oz., 25c.

**Gourds**

Thrifty annual climbers, bearing ornamental fruits. 10 feet.

1648 **Dipper**. Shaped like a dipper. Pkt., 5c; oz., 25c.

1650 **Egg**. Fruit white; resembles an egg. Pkt., 5c; oz., 25c.

1654 **Mixed Ornamental Varieties**. Pkt., 5c; oz., 20c.



Dazzler Gaillardia.

**Gypsophila** (Baby's Breath)

Graceful plants of light fairy-like growth. Fine for cutting in combination with other flowers.

1660 **Paris Market**. An improved large-flowering annual, pure white form. Can be flowered from seed within a few weeks from sowing. 1½ feet. Pkt., 10c; oz., 25c.

1662 **paniculata**. Perennial. Pure white flowers, very small and borne in large panicles. 2½ feet. Pkt., 10c; ¼ oz., 25c.

1663 **Paniculata flore pleno**. Perennial. A double-flowering form. Bears clouds of snow-white flowers during July and August. 2 feet. Pkt., 25c.

**HELIANTHUS**. (See *Sunflower*).

**Helichrysum** (Strawflower)

Large double, everlasting flowers. Annual. 2 feet.

1670 **Fireball**. Double red. Pkt., 10c; ¼ oz., 30c.

1672 **Golden Globe**. Double yellow. Pkt., 10c; ¼ oz., 30c.

1674 **Salmon**. Pkt., 10c; ¼ oz., 30c.

1676 **Silver Globe**. Glistening white. Pkt., 10c; ¼ oz., 30c.

1679 **Large-Flowering Double Mixed**. Pkt., 10c; ¼ oz., 25c; oz., 75c.

**Heliotrope**

1685 **Lemoine Giant**. A half hardy perennial flowering during the whole season. Delightfully perfumed; a splendid bedding plant. Seed started indoors in the Spring will make fine plants for Summer. Can be sown outdoors in May. 18 inches. Pkt., 15c; ¼ oz., 40c.



Gypsophila—Baby's Breath.



Helichrysum—Strawflowers.





Double Hollyhocks.

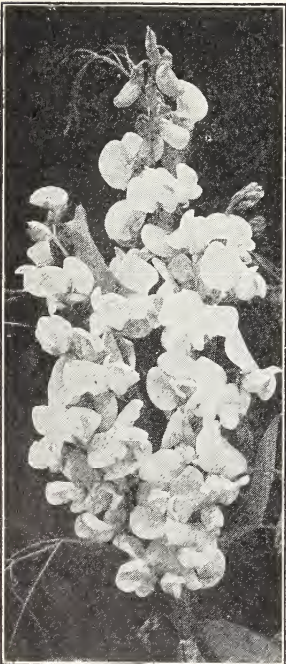
### Kochia

(Summer Cypress; Mexican Firebush)

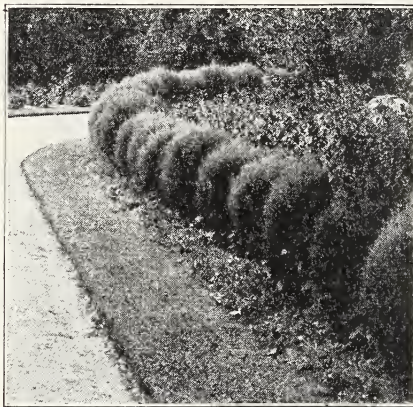
1730 **Childsii.** Grows in a perfectly pyramidal shape without trimming, with small, feathery, light green foliage, turning to a lovely crimson hue in Fall. Annual. 2½ feet. Pkt., 10c; ¼ oz., 20c; oz., 50c.

### Kudzu Vine

1735. Perennial vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season from established roots; hardy, though the vine dies down every Winter in the North. Foliage large and lobed; purple, pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed. Pkt., 10c; ¼ oz., 20c.



Lathyrus Latifolius.



Kochia.

### Lantana

1740 **New Hybrids.** One of the most satisfactory plants for pots, flower boxes, or bedding; constantly in bloom. Verbena-like heads of orange and red, white and rose, and other colors. Pkt., 10c; ¼ oz., 30c.

### Larkspur

Annual. One of the best known flowers bearing long racemes of lovely colored flowers and lacy foliage. They have undergone wonderful improvement in color and in the fullness of the spikes in recent years. Are most acceptable as cut flowers. 18 to 30 inches in height.

	Pkt.	¼ oz.
1755 <b>Ageratum Blue</b> .....	\$0.10	\$0.30
1757 <b>Dark Blue</b> .....	.10	.30
1759 <b>Lustrous Carmine or Newport Pink</b> .....	.10	.30
1760 <b>Exquisite (Improved) Pink</b> .....	.10	.30
1764 <b>White</b> .....	.10	.30
1765 <b>Finest Mixed.</b> All colors. ....	.10	.25

(Ounce, 75c)

### Lathyrus Latifolius

(Hardy Everlasting Peas)

1745. These climb 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid for cutting. The flowers are without odor. Mixed, pkt., 10c; ¼ oz., 25c.

### Hollyhocks

Perennial. One of the showiest of hardy garden plants. Their stately beauty adds dignity to the smallest garden plot, and their bright colors bring cheer on the dulllest days. 5 to 7 feet.

1690 **Double, Newport Pink.** A pretty salmon-pink. Pkt., 10c; ¼ oz., 50c.

1691 **Giant, Double Scarlet.** Pkt., 10c; ¼ oz., 50c.

1693 **Giant, Double Rose.** Pkt., 10c; ¼ oz., 50c.

1695 **Giant, Double Yellow.** Pkt., 10c; ¼ oz., 50c.

1697 **Giant, Double White.** Pkt., 10c; ¼ oz., 50c.

1699 **Giant, Double Mixed.** Pkt., 10c; ¼ oz., 40c.

### Honesty

1705 **Lunaria** (Satin Flower; Money Plant). Biennials, can be grown as annuals. The flat, silvery seed-pods are used for Winter decoration; pretty and different from anything else. Height 2 feet. Pkt., 10c; ¼ oz., 30c.

**HYACINTH BEAN.** (See Dolichos).

**IBERIS.** (See Candytuft).

### Ice Plant

1840 **Mesembryanthemum Crystallinum.** Dwarf-trailing annual plants; 8 inches. Flowers white, prized for its singular icy foliage. Pkt., 10c; ¼ oz., 25c.

### Impatiens (Sultan's Balsam)

### Holstii Hybrids

1710. Handsome plants from East Africa, forming bushes 12 to 18 inches high. The flowers, 1¼ to 1 inches across, are of scarlet, orange-red, pink and white, with a red eye. The plants grow luxuriantly out of doors and make unusually showy flower beds. If grown in pots they are equally effective. Mixed colors. Pkt., 25c.

### Job's Tears

1713 **Coix lacryma.** An interesting, luxurious grass, grown for its large seeds, which are used for beads. Annual. 3 feet tall. Pkt., 10c; oz., 20c.



Exquisite Improved Larkspur.



## Lobelia

Annual. Bushy plants with pendant branches; bloom very profusely; fine for edging or baskets. 6 inches.

1775 **Crystal Palace**. Dark blue, fine for bedding. 4 inches. Pkt., 10c; ¼ oz., 50c.

1777 **Sapphire**. Deep navy blue flower with white eye, for hanging baskets. Pkt., 15c.

1780 **cardinalis** (Cardinal Flower). A perennial variety with spikes of scarlet flowers; fine border plant. 3 feet. Pkt., 15c.

**LOVE-IN-A-MIST**. (See *Nigella*).

## Lupinus

**LUPINUS**. Perennials. One of the most useful of our garden flowers either for borders or for cutting. Free-flowering, with long spikes of delicately scented flowers in June and July. 3 feet.

1790 **Mixed Perennial Varieties**. Pkt., 10c; oz., 25c.

1796 **Harkness Regal**. Truly royal in their splendor, with colors of polished gold and burnished copper; like leaping flames of molten metal. Also the softer shades of peach and apricot—there is nothing quite like them. Received the Award of Merit, Royal Horticultural Society of England. Pkt., 25c.

## Lychnis

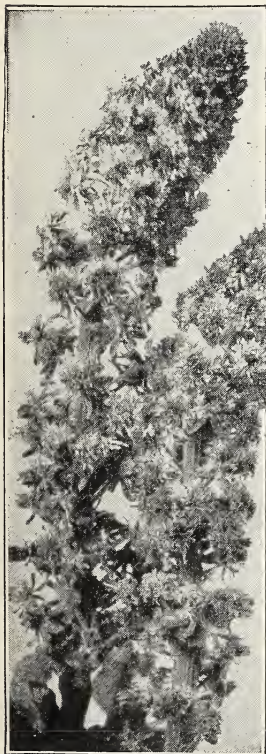
(Lamp Flower)

1800 **Chalcedonica**. Handsome hardy perennial. A garden favorite bearing heads of bright scarlet flowers. Will bloom the first year if sown early. 2 to 3 ft. Pkt., 10c; ¼ oz., 30c.

## Marvel of Peru

(Four O'Clock)

1830 **Finest Mixed Colors**. A well known annual of bush habit. 2 ft. high. Bears throughout the Summer; does well anywhere. Pkt., 10c; oz., 20c.



Mignonette.



Double African Marigold.

ties of pure snow-white double flowers in dense clusters almost covering the oval plants with bloom. Height 18 inches. Very desirable for bedding and fine for cutting. Pkt., 10c; ¼ oz., 25c.

## Mignonette

**Large Flowering**. The popular fragrant garden annual. Sowings made in April and again in July will keep up a succession from early Summer until frost.

1845 **Defiance**. Spikes of remarkable size, 12 to 15 inches long. Deliciously fragrant. Pkt., 10c; ¼ oz., 25c.

1847 **Goliath**. Red; enormous spikes. Pkt., 10c; ¼ oz., 40c.

1850 **Giant Flowering Sweet Scented Mixed**. Selected strain. Pkt., 10c; oz., 25c.

## Moon Flower

1715. An annual climber of rapid growth with beautiful flowers; at night and during dull days the plants are covered with large white fragrant blooms. Soak seed in warm water over night to assist in rapid germination. Pkt., 10c; ½ oz., 30c; oz., 50c.

## Morning Glory

One of the most popular annual climbers. Rapid grower.

1722 **Giant Japanese Imperial**. These large size flowers measure 3 to 4 inches across. The colors are deep, rich, velvety shades; others daintiest blue and purple; snow-white to silver-gray, new terra-cotta, and coffee-colored shades. Some flowers are striped and spotted. They are simply magnificent. Pkt., 10c; oz., 30c.

1713 **Heavenly Blue**. Charming and distinct. Flowers are extra large in size, a lovely light blue, outlined with a narrow band of silvery white. Pkt., 10c; oz., 35c.

## Myosotis (Forget-Me-Not)

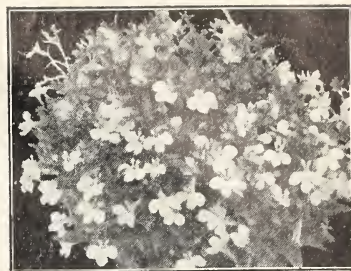
Perennial. Fine for edging or in beds with Pansies, Daisies, etc. Seed may be sown any

time from Spring until midsummer. 9 inches.

1860 **Alpestris**. Mixed colors. Pkt., 10c; ¼ oz., 25c.

1862 **palustris semperflorens**. The true water Forget-Me-Not. Blooms from early Spring until Autumn. Dark blue. Pkt., 15c; ¼ oz., 50c.

1864 **Victoria**. Blue dwarf, compact growth. Best variety for borders and pots. Pkt., 10c; ½ oz., 35c.



Lobelia, Crystal Palace.

## Marigold

Free-flowering annuals of easy culture, extremely effective for large beds or mixed borders; they succeed best in light soil, with full exposure to the sun.

**African Varieties**. Showy flowers. 3 feet.

1810 **Lemon Queen**. Very large, double flowers of soft yellow. Pkt., 10c; ¼ oz., 50c.

1812 **Orange Prince**. Large, double, rich orange color. Pkt., 10c; ¼ oz., 50c.

1815 **Mixed Double**. Pkt., 10c; ¼ oz., 25c.

**French Varieties**. Small-flowering varieties in different colors. Fine for bedding. 18 to 24 inches.

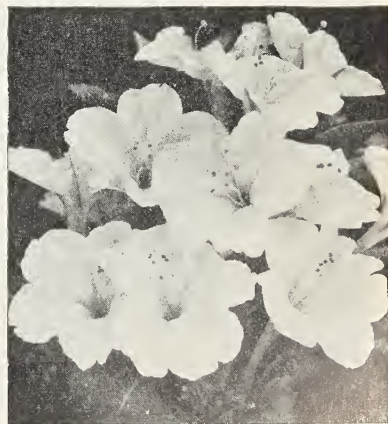
1818 **Legion of Honor**. Single yellow blooms marked with red. Sometimes called Little Brownie. Pkt., 10c; ¼ oz., 25c.

1820 **Dwarf Double Mixed**. Pkt., 10c; ¼ oz., 25c.

## Matricaria (Double White Feverfew)

1835. This splendid variety of "Feverfew" forms bushy annual garden plants, bearing quanti-

ties of pure snow-white double flowers in dense clusters almost covering the oval plants with bloom. Height 18 inches. Very desirable for bedding and fine for cutting. Pkt., 10c; ¼ oz., 25c.



Marvel of Peru—Four O'Clock.



## Nasturtium

1880 **Holmes' Dwarf Rainbow Mixture.** These contain all the leading named dwarf sorts mixed. Pkt., 5c; oz., 15c; ¼ lb., 40c.

1895 **Holmes' Climbing Rainbow Mixture.** Containing the best varieties of rich shades. Pkt., 5c; oz., 15c; ¼ lb., 40c.

## Nicotiana

1905 **affinis.** Fragrant, star-shaped, white flowers, blooming continuously. Annual. 3 feet. Pkt., 10c; ¼ oz., 20c.

## Nigella (Love-in-a-Mist)

1910 **Miss Jekyll.** An annual bushy plant, with clear cornflower-blue flowers of large size, surrounded by slender mistlike foliage. Lovely for cutting. 18 inches. Pkt., 10c; ½ oz., 25c; oz., 40c.

## Pansy

One of the most popular flowers grown, thriving best in a cool, moist, but well drained soil. Sow seeds in April and May for Summer flowering, and in August for early flowers the following Spring. Tender Perennial.

1920 **Holmes' Glorious Giants.** Saved from the largest flowers of the richest and most varied colors. Pkt., 25c; ¼ oz., \$1.25; ¼ oz., \$2.25; oz., \$8.00.

1921 **Improved Swiss Giants.** This new strain is of enormous size, but the most striking quality is the wonderful color and color combinations. Very rare and entirely new—never before seen in Pansies. Pkt., 50c; 1/16 oz., \$2.25.

1922 **Holmes' Royal Mixture.** This strain consists of the newest, best shaped, and most handsome flowers in a wonderful variety of shades. Pkt., 20c; ½ oz., \$1.00; ¼ oz., \$1.75; oz., \$6.00.

1928 **Masterpiece.** A remarkable type, each petal being conspicuously curled and waved. The dark velvety colors are very striking. Pkt., 15c; ½ oz., 75c.

1930 **Giant Trimardean Mixed.** Large flowers in a great variety of colors. Pkt., 10c; ½ oz., 50c; oz., \$3.50.

## Passiflora (Passion Flower)

1935 **coerulea.** Fast growing and free flowering climbers with large, showy blue flowers, suitable for conservatory or outside in Summer. Pkt., 15c; ¼ oz., 75c.



Holmes' Glorious Giant Pansies.

## Pentstemon (Beard Tongue)

1945 **Sensation.** Attractive perennial for the hardy border. Every branch bears a spike of large gloxinia-like flowers in a very wide range of rich bright colors. 30 inches. Pkt., 15c; ½ oz., 50c.

## Petunias

Annual. For bedding, porch or window boxes, few flowers equal the Petunia in effectiveness. They are of easiest cultivation and probably give greater returns for the care they require than any other plant. All they ask is good soil and a sunny position, and they will make a gorgeous display until killed by frost.

1955 **Holmes' Giant Double Fringed.** A special strain of double flowers which are enormous, and fringed in bright, rich colors. The weaker seedlings should be carefully saved as these usually produce the finest double flowers. Pkt., 35c; 500 seeds, \$1.00.

1960 **Holmes' California Giants Fringed.** Mixed. The largest and finest of all single petunias. Has a very fine fringed edging, making a very beautiful and striking flower. Pkt., 25c; 500 seeds, \$1.00.

1964 **Theodosia.** Single ruffled petunia. Color a bright pink, petals heavily ruffled and fluted, wide open golden throat delicately penciled with black or brown. Wonderfully free bloomer and adapted for either bedding or pot culture. Pkt., 25c.

### BALCONY PETUNIAS

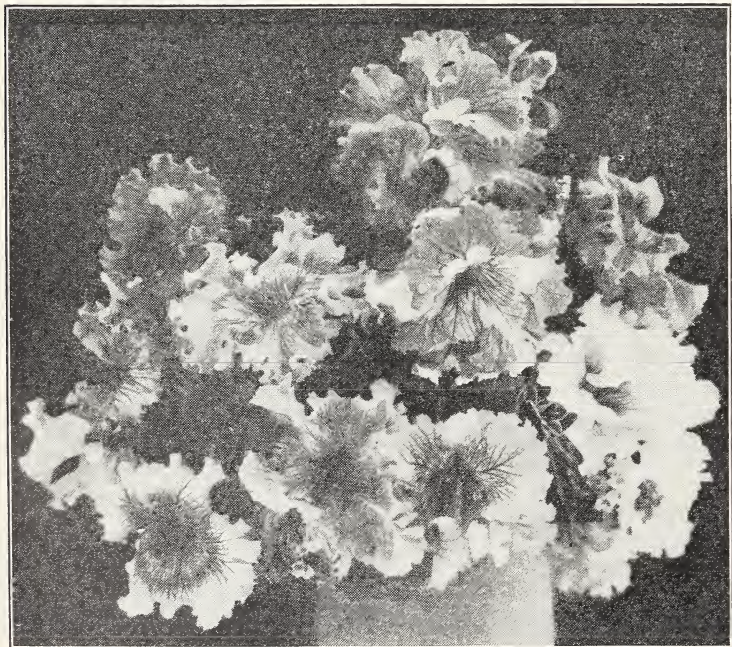
The Balcony Petunias are particularly recommended for window or porch boxes and vases. The showy flowers which average about 3 inches in diameter, are produced in great abundance from early Summer until killed by frost.

- 1970 **Balcony Blue.** Pkt., 20c.
- 1971 **Balcony Crimson.** Pkt., 20c.
- 1972 **Balcony Rose.** Pkt., 20c.
- 1974 **Balcony White.** Pkt., 20c.
- 1975 **Balcony Mixed.** Pkt., 20c.

### SINGLE BEDDING PETUNIAS

All of the following are wonderfully effective in beds, borders, window boxes, etc. 12 to 18 inches.

- 1979 **General Dodds.** Dark crimson.
- 1980 **Howard's Star.** Purple with pure white star.
- 1982 **Rosy Morn.** Pink with white throat.
- 1983 **Rose of Heaven.** Pure, rose-pink.
- 1984 **Snowball.** Pure white.
- 1985 **Purple King.** Deep purple violet.
- Price, any of the above, pkt., 10c; ½ oz., 50c.
- 1986 **Extra Mixed.** Good bright colors. Pkt., 10c; ¼ oz., 40c.



Petunias, Holmes' California Giant Fringed.





Phlox Drummondii.

## Portulaca

One of the freest flowering dwarf annuals, especially adapted for sunny situations. Flowers of the most brilliant colors. 6 inches.

2015 **Single Mixed.** All colors. Pkt., 10c; ¼ oz., 25c; oz., 75c.

2017 **Double Finest Mixed.** Of the most brilliant colors. Pkt., 10c; ¼ oz., 75c; oz., \$2.50.

## Primula

2050 **sinensis fimbriata** (Chinese Primrose). A charming, profuse flowering plant, indispensable for Winter and Spring decorations. Finest mixed. Pkt., 35c; 3 pkts., \$1.00.

2055 **obconica gigantea.** Finest mixed. Pkt., 20c.

2060 **malacoides.** A charming free-flowering pot plant; delicate lilac; known as Baby Primrose. 1 foot. Pkt., 15c.

2070 **japonica** (Hardy Japanese Primrose). Mixed colors. Bright and showy flowers, borne in whorls on stems 6 to 9 inches long. Pkt., 15c.

2075 **vulgaris** (English Yellow Primrose). Canary-yellow; very fragrant. Pkt., 15c.



Double Portulaca.

## Phlox Drummondii

As a garden annual this occupies first place. One of the most brilliant in coloring and one of the easiest to grow from seed. Blooms in a few weeks after sowing and continues until killed by freezing. Prefers a light rich loam and a sunny position. 12 inches.

	¼ Oz.	Pkt.
1991 <b>Giant White</b> .....	\$0.50	\$0.10
1992 <b>Shell-Pink</b> .....	.50	.10
1993 <b>Rose</b> .....	.50	.10
1994 <b>Scarlet</b> .....	.50	.10
1995 <b>Primrose</b> .....	.50	.10
1996 <b>Lilac</b> .....	.50	.10
1990 <b>Largest Flowering</b>		
<b>Mixed</b> .....	.40	.10
(Ounce, \$1.25)		

**COLLECTION:** Pkts. of the above six colors for 50c.

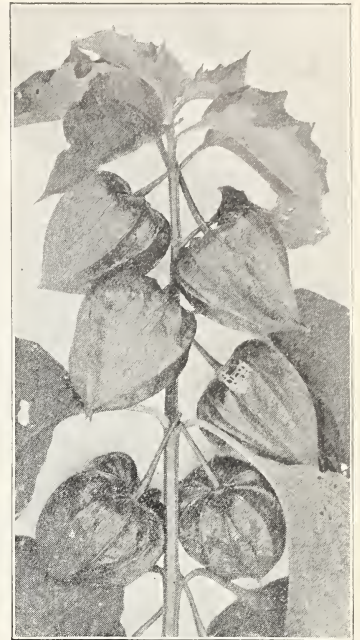
2000 **Hardy Perennial Mixed.** Brilliant colored flowers in Summer and Fall. Pkt., 15c; ¼ oz., 75c.

## Physalis

**PHYSALIS** (Chinese Lantern).

2005 **Francheti.** Attractive orange-red, balloon-like fruits; fine for Winter bouquets. Perennial. 2 ft. Pkt., 10c; 3 pkts., 25c.

**PINKS.** (See Dianthus).



Physalis Francheti.

## Poppies

Showy annual, free-blooming old-fashioned flowers. Very effective in mixed borders.

2025 **Holmes' Select Shirley.** A grand variety of brilliant dazzling colors and one of the freest flowering annuals. Fine for beds or cutting. 30 inches. Pkt., 10c; oz., 50c; ¼ lb., \$1.25.

2027 **Tulip-Flowered.** Intense scarlet, single blossoms. Plant about 2½ ft. high. The brightest colored of all Poppies. Pkt., 10c; ¼ oz., 25c.

2030 **Carnation-Flowered.** Large, very double, fringed flowers in brilliant colors. 2½ feet. Pkt., 10c; oz., 25c.

2035 **Peony-Flowered.** Large, showy, double, globular flowers, resembling a double peony. 3 feet. Mixed colors. Pkt., 10c; oz., 25c.

2037 **Holmes' Finest Double Mixed.** Pkt., 10c; ¼ oz., 15c; oz., 30c.



Shirley Poppies.

## POPPIES—Continued.

### HARDY PERENNIAL VARIETIES

2040 **Oriental (True).** Deep crimson with black blotch; enormous flowers. 2½ ft. Pkt., 10c; ¼ oz., 40c.

2041 **Oriental Hybrids.** Mixed. Saved from named sorts of the large perennial Poppies. Pkt., 15c; ¼ oz., 50c.

2045 **Iceland Poppy "Sunbeam."** New species varying in color from sulphur-yellow through different shades of orange-maize and rose tints which are very striking. 15 inches. Pkt., 20c; ½ oz., 50c.



Oriental Poppies.





Ricinus—Castor Oil Plant.

2093 **Crimson Spire.** A wonderful new variety with leaves of bronzy green, and brilliant rosy crimson seed spikes. Pkt., 10c; oz., 40c.

2095 **Zanzibariensis Mixed.** Immense leaves. Pkt., 10c; oz., 20c; ¼ lb., 60c.

## Rudbeckia

2100 **Newmanni.** A perennial of bright orange with black cone. A grand Autumn flowering plant. 3 feet. Pkt., 15c.

## Scarlet Runner Bean

1274 **Scarlet Runner Bean.** Annual. 10 feet. Has attractive pealike flowers of a brilliant scarlet that are followed by an abundant crop of beans. Pkt., 10c; ¼ lb., 15c.

## Salpiglossis

(Painted Tongue)

2110 **Large Flowering Mixed.** This is one of the very finest annuals of easiest culture, succeeding in any ordinary soil in a sunny situation. The attractive gloxinia-like blossoms in a large and very unusual range of colors are produced freely. They are splendid for cutting, lasting well. 2 feet. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.



Salpiglossis.

## Salvia (Flowering Sage)

One of our most handsome Summer and Autumn annual flowering plants, growing into compact bushes 2 to 3 feet high and literally ablaze with brilliant scarlet flowers.

2115 **America or Globe of Fire.** This is one of the freest and most continuous blooming of all Scarlet Sages, and the most uniform in habit of growth, making it especially valuable for bedding or planting in lines. 2 feet. Pkt. 25c; ¼ oz., \$1.00.



Salvia, America.

## Pyrethrum (Painted Daisy)

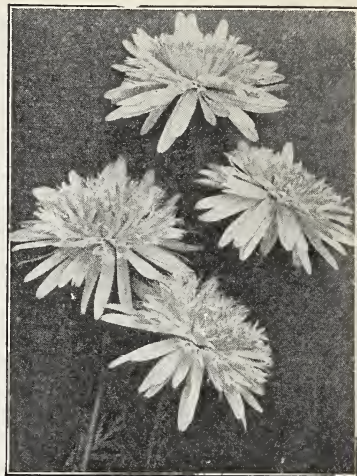
Valuable hardy garden plants with large single or double flowers 3 to 4 inches across, all colors freely borne on long stems; excellent for cutting.

2083 **Single Mixed.** Selected from a splendid collection. 2½ feet. Pkt., 10c; ¼ oz., 75c.

2085 **Finest Double Mixed.** Flowers range from the palest pinks to deep red, the bright yellow centers forming a lovely contrast. They bloom during May and again in the Fall. Excellent for cut flowers. 2½ feet. Pkt., 25c.

## Ricinus (Castor Oil Plant)

Ornamental plants of stately growth, tropical appearing foliage and brilliant colored seed pods. 6 feet. Annual.



Double Pyrethrum.

## Scabiosa (Mourning Bride)

One of our best Summer-flowering annuals. The rich and beautifully colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. 2 to 3 feet.

2125 **Peach Blossom.** A beautiful shade of peach blossom pink. The flowers are of very large size, perfect form, on long stems. Most charming cut flower. Pkt., 15c; 2 pkts., 25c.

2127 **Shasta.** This magnificent, pure snow-white variety is of enormous size, often measuring 3½ inches across on extremely long stems. Pkt., 15c; 2 pkts., 25c.

2130 **Finest Mixed.** All colors. Large flowering. A fine assortment. Pkt., 10c; ¼ oz., 25c; oz., 60c.

2135 **caucasica (Blue Bonnet).** One of the most beautiful of hardy perennials; fine for cutting, the blooms lasting well. Color silvery lavender-blue. 3 feet. Pkt., 20c; 6 pkts., \$1.00.

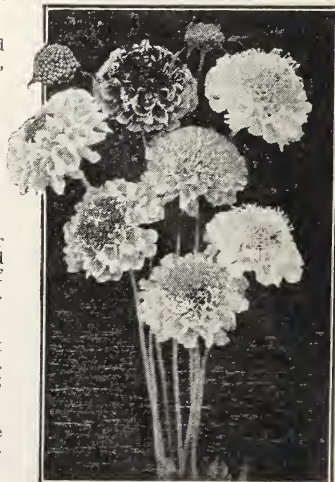
**SHASTA DAISY.** (See page 47).

2117 **Bonfire.** A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. 2 feet. Pkt., 10c; ¼ oz., 75c.

2119 **Harbinger.** Early flowering. The most brilliant of the Salvias. Plants are dwarf and compact, and the dark green foliage makes a striking setting for the dazzling bright red blooms. A perfect blaze of color until frost. 1 foot. Pkt., 25c; ¼ oz., \$1.00.

2120 **splendens (Scarlet Sage).** Bright scarlet. Height 3 feet. Pkt., 10c; ¼ oz., 60c.

2122 **Zurich.** A dwarf, free and early-flowering variety. A splendid bedder. 1½ ft. Pkt., 15c; ¼ oz., 75c.



Scabiosa.



## Holmes' Orchid Flowered Spencer Sweet Peas

This is a wonderful type of extraordinary size, often measuring two inches across, with wavy standards and wide-spreading wings. They usually bear four flowers to the stem, and look like beautifully colored butterflies.

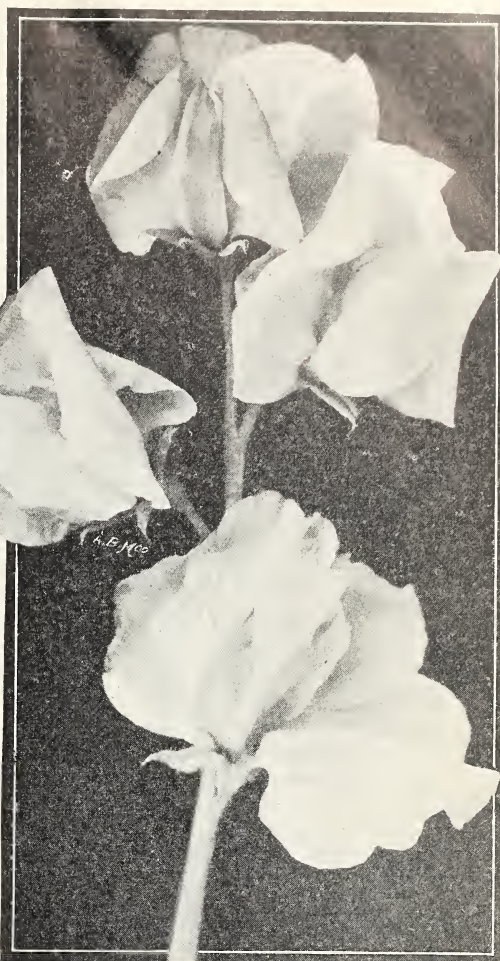
Price of all named sorts: Pkt., 10c; oz., 40c; ¼ lb., \$1.20.

**COLLECTION** of one packet each of the following sorts for \$2.00.

- 2401 **Austin Frederick, Improved.** Giant lavender.
- 2403 **Barbara.** Fine salmon.
- 2405 **Commander Godsall.** Violet-blue.
- 2407 **Constance Hinton.** Mammoth white.
- 2409 **Crimson King.** Rich, deep crimson.
- 2411 **Defiance.** Glowing orange-scarlet, burnless.
- 2413 **Elfrida Pearson.** Large shell-pink.
- 2415 **George Shawyer.** Giant salmon-rose.
- 2417 **Hawlmarm Cerise.**
- 2419 **Hawlmarm Pink.**
- 2421 **Hawlmarm Scarlet.**
- 2422 **Hebe.** Large bright pink.
- 2423 **Illuminator.** Salmon-orange overlaid cerise-pink.
- 2425 **Majestic Cream.** Large deep cream.
- 2427 **Mary Pickford.** Dainty cream-pink suffused salmon.
- 2429 **Mrs. Tom Jones.** Bright delphinium-blue.
- 2431 **Picture.** Flesh-pink suffused creamy apricot.
- 2433 **Powerscourt.** One of the finest lavenders.
- 2435 **Royal Purple.** As named.
- 2437 **Snowball.** Dazzling white.
- 2439 **Tangerine Improved.** Glowing orange.
- 2441 **Valentine.** Blush pink.
- 2443 **Warrior.** Deep maroon.

## Holmes' Rainbow Spencer Mixed

2460. This is a distinct variety, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings. They are borne usually in fours, on long, strong stems, making them fine for cutting. They come in all the rich and varied shades imaginable, a truly royal rainbow shower of colors. They are of rapid and strong growth, and stand up well after cutting. You will not be disappointed in **Holmes' Rainbow Spencers.** Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00, postpaid.



Holmes' Giant Spencer Sweet Peas.

## Holmes' Gorgeous-Flowered Mixed

2461. This mixture contains all the colors of the rainbow from the best Grandiflora varieties. The individual blooms are large and the colors range from the pastel shades to the most pronounced and vivid colors. This is a fine mixture at a price within the reach of all. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00, postpaid.

## Early Orchid-Flowering or Spencer Sweet Peas

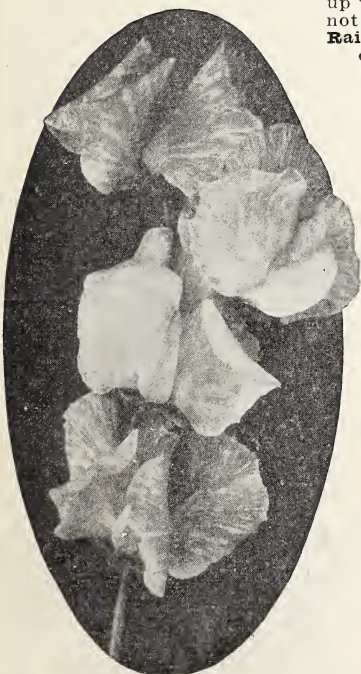
This new early type is now very popular and in great demand by commercial florists for forcing under glass for Winter and early Spring blooming, but are just as valuable for the amateur for outdoors, coming into flower five or six to the stem; kept picked, continue to bloom over a period of nearly four months. Our list of Earlies is very complete, comprising the best of the older sorts and newer varieties. Our Earlies are grown especially for us by the leading hybridizers.

- |   |  |
|---|--|
| 2480 <b>All White.</b> Largest pure white.                              | 2491 <b>Imperial Pink.</b> Large clear pink.                     |
| 2481 <b>Aviator.</b> Dazzling crimson scarlet.                          | 2492 <b>New Blue.</b> Deep blue.                                 |
| 2482 <b>Blue Bird.</b> Violet-blue.                                     | 2494 <b>Orange King.</b> Glowing intense orange.                 |
| 2484 <b>Eldorado.</b> Orange.   | 2496 <b>Rose Dore.</b> Rose-pink, suffused orange.               |
| 2485 <b>Fair Maid.</b> Bluish pink, suffused salmon.                    | 2498 <b>Sweet Lavender.</b> Pure lavender.                       |
| 2487 <b>Glitters.</b> Cerise or fiery orange. Flowers of enormous size. | 2510 <b>Early Orchid-Flowering Mixed.</b> Containing all colors. |
| 2489 <b>Grenadier.</b> Dazzling poppy-scarlet.                          |  |

Price, any of the above, 10c per pkt.; ½ oz., 30c; oz., 50c.

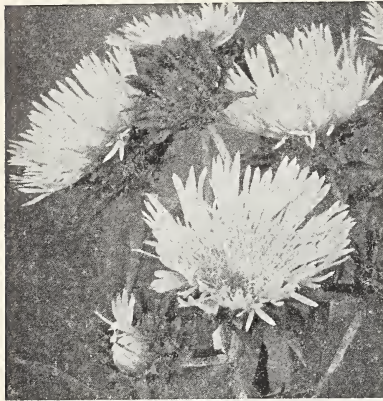
2512 **COLLECTION** of a packet each of the above 12 choice varieties, 85c.

2513 **COLLECTION** of one ounce each of the above 12 choice varieties, \$4.50.



Early Orchid-Flowering Spencer Sweet Peas.





Stokesia.

## Stocks (Gilliflower)

One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as great a favorite for Winter cultivation in the greenhouse as for the garden in Summer. Fine for cut flowers. 2 feet.

- 2150 **Holmes' Giant Perfection Ten Weeks.** Perpetual blooming sort; very double, fragrant flowers. Pkt., 10c; ¼ oz., 75c.  
 2170 **Finest Mixed.** All colors. Pkt., 10c; ¼ oz., 50c.

## Sunflower

The larger varieties are very ornamental and useful for backgrounds or for distant effects, while the smaller sorts are fine for cutting. Annual.

- 2192 **Chrysanthemum-Flowered.** Rich golden yellow flowers, very double, resembling a chrysanthemum. 5 ft. Pkt., 10c; oz., 25c.  
 2195 **Miniature** (Helianthus cucumerifolius). Of pyramidal growth; covered with multitudes of small, single flowers of brightest orange. 3 ft. Pkt., 10c; oz., 35c.  
 2200 **Red Hybrids** (The Red Sunflower). Flowers vary in color from a rich chestnut-red to red bordered with yellow. 4 feet. Pkt., 10c; ¼ oz., 50c.

**SWEET SULTAN.** (See Centaurea).

## Sweet William

(Dianthus Barbatus)

Showy hardy biennials of easy culture; splendid for beds and borders with their rich varied flowers. 1½ ft.

- 2215 **Giant Double Flowering Mixed.** Pkt., 10c; ¼ oz., 50c.  
 2217 **Pink Beauty.** Improved fine salmon-pink; very free-flowering. Pkt., 15c; ¼ oz., 50c.  
 2219 **Scarlet Beauty.** Rich deep scarlet; makes a great blaze of color. Pkt., 15c; ¼ oz., 50c.  
 2220 **Single Flowering.** Finest mixed colors. Pkt., 10c; ¼ oz., 25c.  
 1553 **Everblooming Sweet Williams.** Flowers much like a carnation which has intense crimson double flowers. The plants grow 18 inches tall, hardy, and are constantly in bloom. Pkt., 15c; ¼ oz., 50c.

## Thunbergia

(Black-Eyed Susan)

- 2230 **Finest Mixed.** Very attractive climbing or trailing annual plant suitable for baskets, porch boxes and vases. 4 ft. Pkt., 10c; ¼ oz., 40c.

## Statice (Sea Lavender)

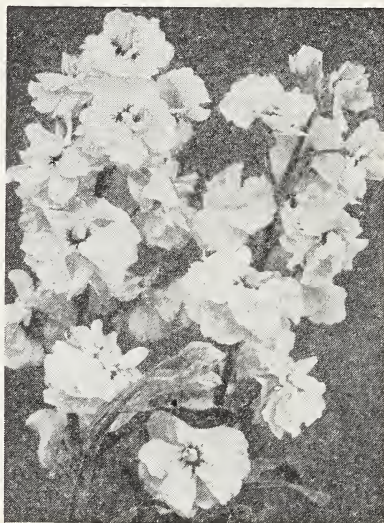
Statice has become quite popular, the flowers being used by the leading florists. The annual as well as perennial sorts can be dried and used for Winter bouquets. Annuals. 18 inches.

- 2137 **Bonduelli.** Bright yellow. Pkt., 10c.  
 2138 **Sinuata Blue.** Pkt., 10c.  
 2139 **Sinuata Rosea.** Pkt., 10c.  
 2140 **Sinuata White.** Pkt., 10c.  
 2141 **Russian** (Sworowi or Rat Tail). Bright rose color. 1 ft. Pkt., 15c.  
 2142 **Latifolia.** Perennial. Deep blue flowers. Excellent for borders or rockery. 2 ft. Pkt., 10c; ¼ oz., 50c.

## Stokesia Cyanea

(Cornflower Aster)

- 2145 **Finest Mixed.** Hardy perennial. Handsome centaurea-like blossoms measuring 4 to 5 inches across, of easy culture and most desirable for the hardy border or for cutting. 2 ft. Pkt., 15c; ¼ oz., 60c.



Stocks.

## Vinca (Periwinkle)

- 2265 **Mixed Colors.** Splendid free-flowering perennial plants, much used for bedding and a fine cut flower, every bud opening when placed in water. 12 to 18 inches. Pkt., 10c; ¼ oz., 40c.

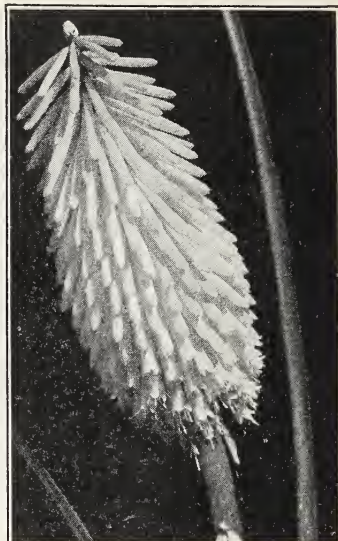
## Viola (Tufted Pansy)

Splendid for bedding in damp shady spots. They are perfectly hardy perennials. 6 inches.

- 2285 **Violet** (Viola odorata). Sweet-scented violets. Blue. 6 inches. Pkt., 25c.  
 2287 **Jersey Gem.** Shaped like a violet, but larger. The deep violet blooms on 8- to 10-inch stems are delightfully fragrant. Perennial, but blooms the first year from early sown seed. It holds its deep color from May until cut down by frost and thrives in every part of the country. Grows well in full sun. Pkt., 25c; 5 pkts., \$1.00.

## Wallflower

- 2290 **Double Mixed.** Half-hardy perennial, blooming early in the Spring, bearing spikes of beautiful flowers. A splendid range of colors from yellow through shades of red to brown. 12 inches. Pkt., 15c; ¼ oz., \$1.25.



Tritoma.

## Tritoma (Red Hot Poker)

- 2235 **Hybrida Mixed.** Useful perennial for borders and cutting. Wonderfully vivid colors. 3 ft. Pkt., 15c; ¼ oz., 50c.

## Verbena

New Giant Hybrids

A magnificent new annual strain of verbenas of robust compact habit and very free-blooming. The trusses are immense, the individual flower almost covers a 50c piece.

- 2247 **Giant White.** Pkt., 10c.  
 2248 **Giant Blue.** With white eye. Pkt., 10c.  
 2249 **Lucifer.** Vivid scarlet. Pkt., 10c.  
 2250 **Luminosa.** Flame-pink, shading salmon. Pkt., 10c.  
 2251 **Giant Pink.** Pkt., 10c.  
 2253 **Giant Finest Mixed.** This mixture contains all the colors of the rainbow, and will give you a bed of surpassing loveliness throughout the Summer. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.  
 2260 **Lemon Verbena** (Aloysia citrodora). This is the old-fashioned favorite with delightfully scented pale green leaves. Pkt., 10c.



Verbena.



## Wild Cucumber

2295. This is one of the fastest growing vines. May be grown on trellis or used for covering fences. Soak seed in warm water before planting. Pkt., 10c; oz., 30c.

## Zinnia (Youth and Old Age)

This is one of the most brilliant and showy of all our annuals. The flowers are large, very handsome and borne in great profusion. Easily grown, but preferring a sunny situation. 2 feet.

### HOLMES' DOUBLE GIANT ZINNIAS.

- 2310 **Double Crimson.** Pkt., 10c.  
 2312 **Double Salmon.** Pkt., 10c.  
 2314 **Double Purple.** Pkt., 10c.  
 2315 **Double Rose.** Pkt., 10c.  
 2317 **Double White.** Pkt., 10c.  
 2318 **Double Yellow.** Pkt., 10c.  
 2320 **Double Mixed.** Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

**Giant Dahlia-Flowered.** This is the latest development in Zinnias, bearing flowers of mammoth size closely resembling a decorative dahlia. The large size, fullness of petals, extraordinary color range and good keeping qualities have all contributed to this flower's popularity. This strain was granted the Award of Merit by the Royal Horticultural Society of England. 2½ feet.

- 2350 **Buttercup.** Deep creamy yellow. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.  
 2352 **Crimson Monarch.** Largest of the red shades. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.



Giant Dahlia-Flowered Zinnia.

- 2354 **Dream.** Deep lavender, purple. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.  
 2356 **Exquisite.** Light rose, with center a deep rose. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

2358 **Oriole.** Orange and gold. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

2359 **Polar Bear.** Pure white. Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

2365 **Dahlia-Flowered Mixed.** Pkt., 20c; ¼ oz., 60c; oz., \$2.00.

2370 **Double Pompon Mixed.** Contains all colors, a very pretty type of compact habit, not over 15 inches high, bearing freely, small densely double flowers held well above the foliage. Makes a good line or bed and very satisfactory for cutting. Pkt., 10c; ¼ oz., 30c.

2375 **Holmes' Giant Picotee.** A remarkable new and distinct class with beautiful double flowers in all the most pleasing shades, each petal being distinctly tipped with various darker shades, resembling the Picotee carnations. Pkt., 15c; ¼ oz., 50c.

2300 **Hardy Annual Flower Mixture.** This is a well balanced mixture of hardy annuals, suitable for planting in odd corners or vacant lots. Will give a continuous succession of cut flowers, beautiful and fragrant from early Summer to late Fall. Oz., 25c; ¼ lb., 90c.



Double Pompon Zinnias.

## The Book of Perennials

By Prof. Alfred C. Hottes.

Devoted to the principles of growing, using, selecting and propagating perennials. Gives lists of varieties suited to different locations and purposes. Price, cloth, \$1.65.

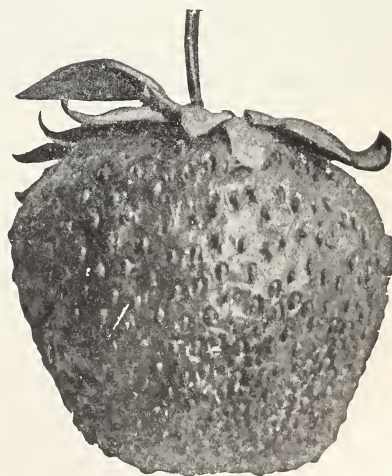
## Strawberry Plants

These Are Home Grown Quality Plants.

They are dug and shipped the same day, are carefully packed and guaranteed to reach you in satisfactory condition. If they, for any reason should arrive in bad condition or in any way unsatisfactory, we will replace them without charge when advised within three days after you receive them. When comparing prices, remember you are getting fresh dug plants, not storage stock.

	25	100	500	1000
<b>Premier.</b> Early .....	\$0.60	\$1.50	\$5.75	\$10.00
<b>Cooper.</b> Medium .....	.60	1.50	5.75	10.00
<b>Aroma.</b> Late .....	.60	1.50	5.75	10.00
<b>Mastodon</b> Everbearing .....	1.00	3.00	11.00	20.00

All prices are postpaid or express paid by us. State when you wish your plants sent to you.



Strawberry.



# Cannas

## Large Flowering Sorts

For grouping on lawns, and for large, massive beds, no plants are more effective. They are not particular as to soil, although they do best in a sunny, well drained situation. Plant the roots any time after danger from frost is past. The improved, large-flowering sorts bloom from early Summer until Fall.

**The President.** Green foliage. Color bright glistening scarlet. The individual florets often measure seven inches across when open. The flowers are borne on firm, upright stems, just high enough above the foliage to show the entire head. Height 5 feet. 25c each; \$2.50 per doz.

**King Humbert.** The most popular of all Cannas. Great orange-scarlet flowers surmount beautiful, vigorous, deep bronze foliage. 4 feet. 20c each; \$2.00 per doz.

**Cheerfulness.** Its name aptly describes the lively beauty of this charming variety. Bright fiery deep orange florets which are broadly bordered golden yellow. The large trusses are carried very erect over the massive foliage and are produced in great profusion. 3½ feet. 25c each; \$2.50 per doz.

**Hungaria.** An ideal pink bedder, flowers large in good sized trusses produced very freely, color a beautiful clear rose. 3½ feet. 25c each; \$2.50 per doz.

**Eureka.** The best white. The large substantial flowers are freely produced on vigorous, upright stalks. 4½ feet. 25c each; \$2.50 per doz.

**Mrs. Alfred Conard.** 4 feet. Often called "Queen of Cannas." Its large, exquisitely shaded salmon-pink flowers are produced in great abundance. 25c each; \$2.50 per doz.



Caladium esculentum (Elephant's Ear).

## Tuberoses

**Double Pearl.** One of the most delightfully fragrant and beautiful of the summer flowering bulbs. For flowering in the open, plant about the middle of May, or as soon as the ground becomes warm. Strong flowering bulbs, 10c each; 75c per doz.; \$5.00 per 100.

## Madeira or Mignonette Vine

This an old favorite climbing vine, of rapid growth, with fleshy, heart-shaped, light green leaves and clusters of pure white, fragrant flowers. A free and constant bloomer. Suitable for trellis, porch, etc. Not hardy. 10c each; 3 for 25c; \$1.00 per doz., postpaid.

## Cinnamon Vine

Dark green foliage, thick and glossy and free from insects; white blossoms with a delightful cinnamon-like odor. Will quickly and satisfactorily cover an arbor, trellis, wall or fence for shade or screen purposes. It will thrive anywhere, and when once established will grow for years. Grows 15 to 25 feet high. 10c each; 3 for 25c; 6 for 45c; 85c per doz., postpaid.



Canna.

**Richard Wallace.** This is an ideal bedding variety; color a canary-yellow. The flowers are of good size held well above the foliage. Height 4 feet. 20c each; \$2.00 per doz.

**Yellow King Humbert.** A sport from the bronze-leaved, red-flowering King Humbert. Flowers are yellow dotted orange-scarlet. The occasional reversion of a stalk of foliage and flowers to the typical King Humbert makes a bed of this variety very interesting. 4½ feet. 20c each; \$2.00 per doz.

**Choice Mixed Cannas.** We have odds and ends, small lots of a kind, stray plants that get mixed in with other varieties, and so on, and these we put all together in a mixture. They are all first class named varieties, but we cannot promise you any particular color or variety. 6 for 50c; 90c per doz.; \$8.00 per 100, postpaid.

## Caladium Esculentum (Elephant's Ear)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. Very frequently used as border plants about suburban residences, where their large, rich green leaves afford an excellent embellishment when contrasted with the colors of the dwellings. Leaves often measure 3 to 4 feet long and 2½ feet wide. Bulbs do best if planted outdoors in this latitude, about June 1.

**First-size Bulbs.** 15c each; \$1.50 per doz.; \$10.00 per 100.

**Mammoth-size Bulbs.** 20c each; \$2.00 per doz.; \$15.00 per 100.

**Jumbo-size Bulbs.** 35c each; \$3.50 per doz.; \$25.00 per 100.



Cinnamon Vine.



# Holmes' Select Dahlias

Dahlias are among the finest late-blooming plants in the garden. They show a wide range of colors in various forms and a mixed bed will display a wealth of beauty in the late Summer and early Fall.

## Decorative Dahlias

**Alaska.** One of the very finest white Decorative Dahlias. Flowers of finest form and borne erect on rigid stems. Exhibition or cut flower. 35c each.

**Bashful Giant.** Color apricot with golden shadings. A very large exhibition flower. 50c each.

**Eastern Star.** (Dahliadel.) A lively coloring of saffron yellow with old gold shadings. Flowers of great substance and good keeping qualities, full centers, on strong stems. Certificate of merit from Dahlia Society of N. J. \$1.50 each.

**Dr. Tevis.** Bronzy old gold, shaded and suffused violet-rose. Fine, exhibition flowers borne on erect stems. 50c each.

**Insulinde.** One of the finest and most artistic Dahlias of distinct form with petals twisted and curled. Stems are two to three feet long, and flowers 9 to 10 inches across. Color a rich saffron-yellow shaded russet orange. 75c each.

**Jane Cowl.** A massive deep decorative with curled and twisted petals. A glistening, bronzy buff and old gold blending to a deeper shade toward center, reverse of petals a pale flesh color. An exceedingly strong stem, foliage thick and leathery, insect resisting. Has received numerous first prizes at Dahlia shows. \$10.00 each.

## Cactus Dahlias

**Amber Glow.** Yellow, shaded amber; immense flowers, with long, narrow quilled petals. 75c each.

**Countess of Lonsdale.** Yellow, suffused salmon-red, overlaid lavender. Early and profuse bloomer. Splendid garden variety. 35c each.

**Daddy Butler.** Rosy carmine, reverse of petals lighter. Large, free bloomer on stiff stems. \$1.00 each.



Cactus Dahlia - Daddy Butler.

**Jersey's Beacon.** Chinese scarlet with a paler reverse, giving a two-toned effect. Exhibition flower of vigorous growth and strong stem. \$1.00 each.

**Jersey's Beauty.** Perfect bloom of Erosine pink carried high above the foliage on a good stem. Awarded too many prizes to enumerate. It is truly the beauty of the Dahlia world. 75c each.

**Mina Burgle.** This splendid variety was raised by Burgle, gardener at the Mare Island Navy Yard. Color rich cardinal-red, it is of fine form. The plant is a strong, vigorous grower, producing the flower freely on long, stiff stems. 5 feet. The best red Dahlia. 35c each.

**Mrs. I. De Ver Warner.** Of soft orchid coloring seldom appearing among dahlias. Attracts attention wherever exhibited for its charming color, large blooms, and its very long, strong stems. Very free bloomer. 50c each.

**Patrick O'Mara.** This sensational decorative variety was awarded a Gold Medal by the American Dahlia Society, as the best Autumn shade variety in existence. The color is an unusually soft and pleasing shade of orange-buff, slightly tinged with Neyron rose. It is large, 7 inches in diameter, and borne on long, strong, erect stems. It is a strong, vigorous grower and free bloomer. The flowers are well formed, while the outer petals are most pleasingly irregular. 50c each.

**Elsie Drexler.** Deep, velvety maroon. Large flowers are produced freely on long, straight stems. Size 7½ inches; height 5 feet. 75c each.

**Golden West.** Absolutely the best golden bronze cut flower Cactus in existence. 50c each.

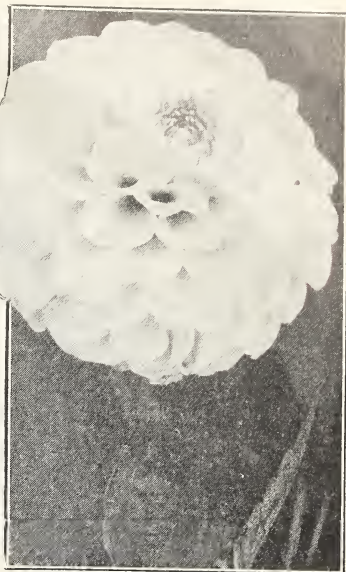
**Mae Grefe.** A beautiful shade of pink; extremely large flower with long stem. A dependable bloomer of sturdy growth. \$1.00 each.

**Mrs. Robert H. Groff.** Beautiful pure white, of medium size, 5 to 6 inches, and an extremely profuse bloomer. Petals are long, narrow and beautifully curved. \$1.50 each.

**Papillon.** Light golden yellow suffused old rose. Large, fine form and free bloomer. \$1.00 each.

**Pierrot.** Immense size with long, incurved petals; deep amber, distinctly tipped white, sometimes solid amber. A magnificent exhibition and garden variety. 50c each.

**Sunset Glow.** This is a world beater. The color is yellow at base of petal, outer part overlaid flame scarlet, lightly tipped yellow. One of the first to bloom, medium height and branching habit. It is a profuse bloomer and every flower is perfect. 75c each.



Decorative Dahlia.

## Ball Dahlias

**A. D. Livoni.** Clear cerise pink, quilled petals. A free bloomer and a great favorite. 25c each.

**Augus Megar.** Large flowers of good form; a pleasing lavender purple color. 50c each.

**Gold Medal.** Deep golden yellow, tipped and suffused oriental red; splendid form; very striking and effective. 50c each.

**Maude Adams.** One of the most delicately lovely of this class, being a clear shell-pink. An early and free bloomer on fine, stiff stems. 35c each.

**Red Duke.** Rich dazzling cardinal-red; splendid form with quilled petals. 25c each.

## Peony-Flowered Dahlias

**Autumn Glow.** Wonderful garden variety, strong grower and an early, profuse bloomer. Color yellow, tipped scarlet. 35c each.

**Dr. Stem.** The best of all red Peony-flowered Dahlias. Flowers 8 to 10 inches in diameter, produced on stiff stems. Color is a bright scarlet red, reflexed eugenia red. \$1.00 each.

**Rosalie Styles.** The largest and best pink in this class. A bright Tyrian pink, tipped lighter, reflex pink. Good stems, free bloomer. 50c each.

**Rodman Wanamaker** (Decorative Peony-flowered). The greatest Autumn colored Dahlia in existence. The buds are pale lemon-yellow as is each petal when it first expands, quickly developing into a golden salmon-pink, and finally into a beautiful bright shade of ochraceous salmon, with a reflex of spinel pink. The flowers are of splendid texture with a luminous sheen. Immense flowers on long, stiff stems. \$1.50 each.

## MODERN DAHLIA CULTURE

By W. H. Waite

This book is practical insurance to Dahlia success. Gives classification, culture, propagation, insects, diseases and remedies, storing, soils, fertilizers. 132 pages. Price, \$1.60.





Mrs. Frank Pendleton.

# Gladiolus

## Holmes' Up-to-Date Named Varieties

**Albania.** Pure white-white, large wide open flowers. 10c each; 85c per doz.; \$6.75 per 100.

**Alice Tiplady.** A striking orange-yellow color. It has been a great prize winner. 10c each; \$1.00 per doz.; \$6.50 per 100.

**America.** Immense flowers of exquisite soft pink. Strong grower, free bloomer, tall, well furnished spike. 5c each; 60c per doz.; \$1.00 per 100.

**Baron Hulot.** Full round flowers of rich velvety purple-violet, lighter in the throat; splendid tall, well furnished spike. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Crimson Glow.** Glowing, velvety crimson, shaded deeper in the center. Wonderful color. 10c each; \$1.00 per doz.; \$7.00 per 100.

**E. J. Shaylor.** Tall spike, beautiful large blooms of a clear deep rose-pink. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Evelyn Kirtland.** Flowers of strong substance, beautiful rosy pink, darker at edges, fading to shell-pink at center with brilliant scarlet blotches on lower petals, the entire flower showing a glistening, sparkling luster. Very tall spike. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Giant Nymph.** Light rose-pink, with creamy yellow throat; very large wide open flowers. 10c each; 85c per doz.; \$6.75 per 100.

**Golden Measure.** Pure golden yellow, very large flowers; best yellow on the market. 15c each; \$1.50 per doz.; \$12.00 per 100.

**Halley.** Immense flowers of bright orange-rose and having a softer yellowish tint in the throat. 10c each; 75c per doz.; \$5.00 per 100.

**Los Angeles.** Beautiful shrimp-pink with glowing orange-carmine blotch in throat, tall and graceful stems. Most bulbs throw two spikes. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Louise.** Orchid lavender with deeper blotch in throat. Wide open flowers. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Mary Pickford.** A delicate creamy white. Throat finest sulphur-yellow. 10c each; \$1.00 per doz.; \$7.50 per 100.

**Mrs. Dr. Norton.** La France pink, shading to very pale pink at throat. Lower petals have deep cream bases with carmine pencilings. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Mrs. Frank Pendleton.** Immense round flowers. Color most attractive; vivid pink toning off blush, the lower petals having velvety orange-red blotches in the throat. Tall, strong grower. 10c each; 75c per doz.; \$6.50 per 100.

**Mrs. Francis King.** A most beautiful and vivid pink. 18 to 20 immense flowers borne on a long, strong spike. 10c each; 75c per doz.; \$5.00 per 100.

**Mrs. Leon Douglas.** Begonia-rose striped with flame scarlet, lower petal pale lemon, speckled ruby. Very large flowers on tall strong stems with several side shoots. 25c each; \$2.50 per doz.; \$18.00 per 100.

**Odin.** Deep salmon-pink with intense carmine blotch on lower petals; very early and large. 10c each; \$1.00 per doz.; \$7.50 per 100.

**Purple Glory.** The large spikes carry enormous flowers of a deep purplish maroon shade. When seen under certain conditions of light, the flowers appear almost black. The edges of the petals are beautifully ruffled. 20c each; \$2.00 per doz.

**Schwaben.** Light yellow with small red blotch. The best flowering sort of this color. 10c each; 75c per doz.; \$6.50 per 100.

**Virginia.** Flaming scarlet; large massive flowers, many open at a time. 10c each; \$1.00 per doz.; \$7.00 per 100.

**War.** Magnificent variety; rich ox-blood-red, shaded dark-est crimson. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Wilbrinck.** Flesh-pink, with yellowish blotch on lower petals. Good cut flower and forcer. 10c each; \$1.00 per doz.; \$6.50 per 100.

### Holmes' Rainbow Mixture

An unexcelled blend of the largest possible number of fine and distinct varieties of Gladioli. This is a specialty of ours and not to be compared with ordinary mixtures. Selected bulbs. 70c per doz.; \$5.00 per 100.

### Primulinus Hybrids

A very select mixture from the newest hybrids, of the most beautiful and delicate tints. No race of Gladioli contains such harmonious color blendings. **Selected Mixed Hybrids**, 50c per doz.; \$3.00 per 100; \$28.00 per 1000.

### Extra Choice Mixture

They include almost every shade of cream, pink, salmon-pink, blush, rose, lavender, pink, bright red, scarlet and crimson. Immense flowers, closely set on long stems. 50c per doz.; \$3.00 per 100; \$27.50 per 1000.



Plant  
Gladioli.  
They  
Bloom  
for  
Everybody.





# Planet Jr. Garden Tools



Planet Jr. Farm and Garden Tools have been on the market for fifty years and are favorably known throughout the world. Made by experienced manufacturers who are experienced farmers and gardeners as well, the design of each tool is right up to the minute. They are specialized tools made by specialists in the farm machinery manufacturing business, and will be giving you A1 service long after you have forgotten their initial cost. Every tool fully guaranteed.

## No. 4 Combined Hill and Drill Seeder and Single Wheel Hoe

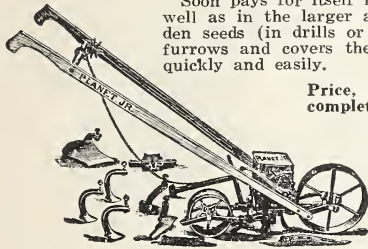
Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

Price, complete, **\$18.00**

As a Seeder only (No. 4D),

**\$14.25**

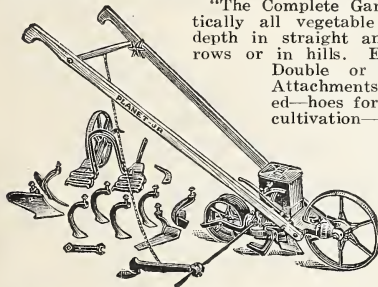
Holds  $2\frac{1}{2}$  quarts of seed.



## No. 25 Combined Hill and Drill Seeder, Double and Single Wheel Hoe

"The Complete Gardener." Plants practically all vegetable seeds at the proper depth in straight and narrow continuous rows or in hills. Easily changed into a Double or Single Wheel Hoe. Attachments are those most needed—hoes for weeding and shallow cultivation—cultivator teeth for general and deeper cultivation and plows for furrowing, covering and weeding.

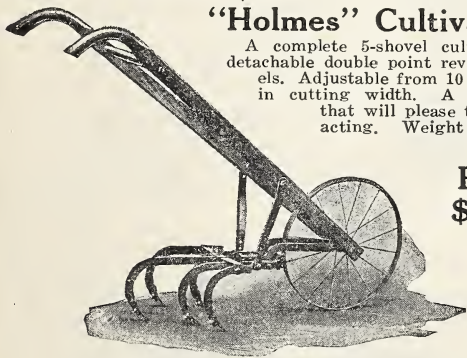
Price **\$21.00**



## "Holmes" Cultivator

A complete 5-shovel cultivator with detachable double point reversible shovels. Adjustable from 10 to 14 inches in cutting width. A garden tool that will please the most exacting. Weight 21 pounds.

Price **\$4.95**



## American Gardener

This tool is recognized as a reliable quick adjusting machine, with attachments to meet all the requirements of the present day efficient gardener. It is not necessary for users to buy extra tools for mulching or pulverizing.

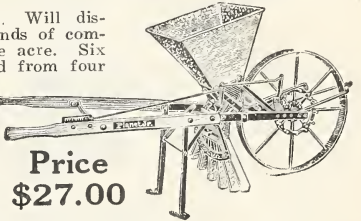
Price **\$6.00**



## No. 220 Fertilizer Distributor

Capacity one bushel. Will distribute 100 to 2000 pounds of commercial fertilizer to the acre. Six adjustable spouts spread from four to thirty inches.

Equipment include: plates for closing up five spouts or three spouts on either left or right side. Hopper placed well forward over wheel making lighter load and easier pushing. Feed can be opened and closed without stopping.

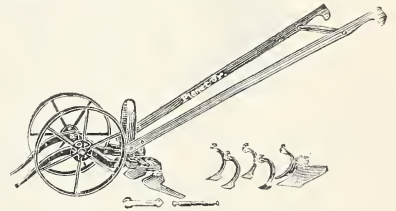


Price **\$27.00**

## No. 12 Double and Single Wheel Hoe

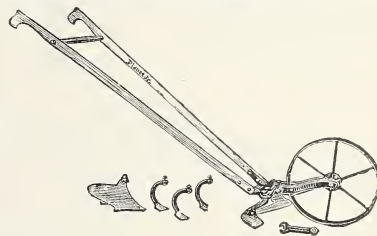
A Single and Double-Wheel Hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

Price **\$10.50**



## No. 17 Single Wheel Hoe

Very popular because equipment includes just the attachments needed in the average garden. An ideal machine for the family garden. All steel—unbreakable.

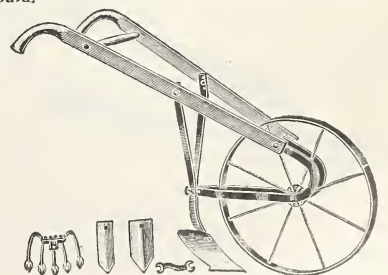


Price **\$7.75**

## American Cultivator

High steel wheel, 24 inches in diameter. Equipped with 4 tools: moldboard shovel with adjustable landside, regular shovel, bull-tongue, which 5-prong attachment. Extra 5-prong attachment, \$1.00, postpaid.

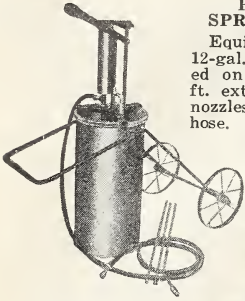
Price **\$3.65**



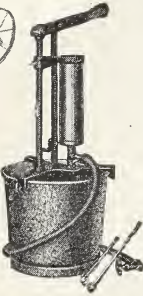


**PARAGON SPRAYER No. 3**

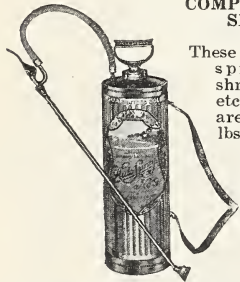
Equipped with a 12-gal. tank, mounted on a truck; 7½-ft. extension pipes, 2 nozzles and 10 ft. of hose. Price, \$25.00.



**PARAGON No. 0**  
Capacity 3½ gallons. Equipment: 4 ft. special spray hose, 3 ft. spray pipe, 1 mist spray nozzle, 1 steel cap for mist nozzle, 1 straight spray. Price, \$12.50.

**COMPRESSED AIR SPRAYER**

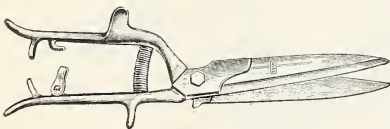
These sprayers will spray potatoes, shrubbery, trees, etc., perfectly and are tested with 90 lbs. pressure before leaving factory. All sprayers guaranteed. Complete with hose, rod and nozzle.



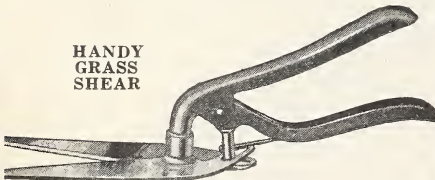
Auto Spray. Galvanized .....\$6.00  
Auto Spray. Brass ..... 9.00  
Auto Spray Pop Nozzle ..... 1.50

**CONTINUOUS AIR JAKE SPRAYER**

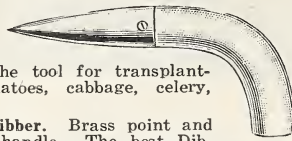
One of the best Hand Sprayers made. There is a continuous mist or spray from the time you start the pump until some seconds after it is stopped. Has two nozzle tips. Galvanized, \$1.00; brass, \$2.00; copper, \$2.50.

**GRASS SHEARS**

Grass shear, eliminates the many objections of the old style spring shear. It can not spring apart. Very useful for trimming the edges and borders of lawns, flower beds, etc. Entire length of shear 12 inches, blades 6 inches. Price, \$1.00; postpaid, \$1.10.

**HANDY GRASS SHEAR**

Keeps the hand clear off the ground. Operated by an easy up and down movement, allowing the hand and wrist to remain in a natural and comfortable position. Self-sharpening. Blades are oil tempered. Price, \$1.50.

**DIBBLES OR DIBBERS**

Just the tool for transplanting tomatoes, cabbage, celery, etc.

**Brass Dibber.** Brass point and wood handle. The best Dibber. Does not rust. Price, \$1.00.

**Steel Dibber.** Steel point and wood handle. Price, 80c each.

**PRUNING SHEARS**

Our pruning shears are procured from the most reliable makers and all are fully guaranteed. If wanted by parcel post, add 15c each for postage.



California, 8½ in. ....\$1.00

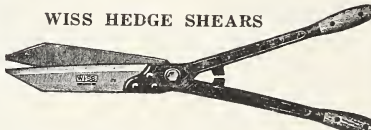
Holmes', 8½ in. .... 1.50

Ladies', 6 in. .... 1.50

Lion, 8½ in. .... 2.50

Wiss, 9 in. .... 3.50

Kunde (Double Cut) .. 4.00

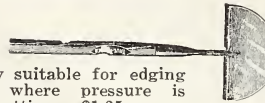
**WISS HEDGE SHEARS**

One edge serrated and one knife edge. Forged steel handles with wood grips, tempered steel blades, gun metal finish, nickel finish blades. Guaranteed perfect.

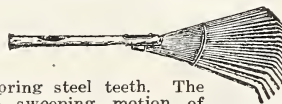
Size, 6½ inch .....\$2.75

Size, 8 inch ..... 3.25

Size, 9 inch ..... 3.50

**TURF EDGER—No. 40F**

Especially suitable for edging thick sod where pressure is needed in cutting. \$1.25.

**BRUME RAKE—No. FBR22**

Flat, spring steel teeth. The broomlike sweeping motion of this rake removes leaves and twigs from lawn, garden or drives, cleanly and without pulling the grass roots. \$1.25.

**SPEEDY CULTIVATOR—No. SC4**

For cultivating after planting. Unusually useful for flowers and shrubs. \$1.00.

**BERRY OR THINNING HOOK**

For thinning out berry bushes and shrubbery. It cuts off and hooks out in thick places where it is hard to operate any other tool. Fine for sprout and suckers. 30 inches. \$1.50.

**GRAFTING CHISEL**

Makes clean splits and does not tear the bark. \$1.50.

**GRAFTING WAX.** ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c.

**EARTHEN FLOWER POTS**

These cannot be sent by Parcel Post. Azalea pots same prices.

Height and Width Inside	Each	Doz.	100	1000
2 inch	\$.02	\$0.13	\$0.91	\$7.88
2¼ inch	.02	.14	1.03	8.93
2½ inch	.02	.17	1.20	10.50
3 inch	.03	.21	1.56	13.65
4 inch	.04	.33	2.40	21.00
5 inch	.07	.59	4.22	37.80
6 inch	.09	.88	6.48	56.70
7 inch	.15	1.46	10.80	94.50
8 inch	.22	2.11	15.60	136.50
9 inch	.33	3.25	24.00	
10 inch	.45	4.38	32.40	
11 inch	.66	6.48	48.00	
12 inch	.91	8.91	66.00	
14 inch	1.48	14.58	108.00	

**EARTHENWARE SAUCERS**

Diam.	Each	Doz.	100
4 inch	\$.03	\$0.25	\$1.80
5 inch	.04	.33	2.40
6 inch	.06	.49	3.60
7 inch	.07	.65	4.80
8 inch	.10	.90	6.60
9 inch	.14	1.22	9.00
10 inch	.15	1.46	10.80
11 inch	.19	1.79	13.20
12 inch	.23	2.19	16.20
14 inch	.37	3.65	27.00

NOTE.—Earthenware cannot be packed for shipment by parcel post.

**PAPER FLOWER POTS**

Diam.	Not Prepaid	Doz.	100	1000
2¼ inch	\$.12	\$0.44	\$4.10	
2½ inch	.15	.52	4.65	
3 inch	.18	.70	5.95	
3½ inch	.20	.91	7.45	
*4 inch	.25	1.14	9.35	
*5 inch	.30	1.77	14.45	
*6 inch	.45	2.37	19.00	

Sizes marked (\*) are packed 500 to a crate; other sizes 1000.

**PAINTED POT LABELS**

If wanted by Parcel Post, add 10c per 100 and 20c per 1000, for postage.

	100	1000
4 inch	\$.04	\$2.15
5 inch	.45	2.35
6 inch	.50	2.65
8 inch	1.05	6.60
12 inch	1.50	11.00

**TREE LABEL.** 3½ inch. Notched, cop- per wired, painted. Per 100, 50c; per 1000, \$2.50.

4 to 6 inch  
Poc Label

8 to 12 inch  
Garden Label

**ROUND PLANT STAKES**

These are painted green and nicely tapered and finished.

	Each	Doz.	100
1½ feet	\$.04	\$0.35	\$2.10
2 feet	.06	.55	3.75
2½ feet	.07	.75	5.50
3 feet	.10	1.00	7.00
3½ feet	.11	1.15	9.00
4 feet	.13	1.40	10.50
5 feet	.16	1.85	12.50

**JAPANESE PLANT STAKES**

	Doz.	100	1000
6 feet	\$.35	\$1.50	\$11.00
6 feet, 5/8 to 3/4 inch	1.00	7.50	

**REDWOOD PLANT STAKES**

Pointed One End

6-ft. size, 1¼ in. x 1¼ in. Each, 15c; doz., \$1.50; 100, \$10.00.

**PLANT TUBS**

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust.



No.	Inside Diam.	Depth	Each
3	8 in.	8 in.	\$0.90
5	10 in.	9 in.	1.10
7	12 in.	11 in.	1.55
9	14 in.	13 in.	2.10
11	16 in.	15 in.	2.65
13	18 in.	17 in.	3.35
14	19 in.	18 in.	3.75



**MOSS**

Peat (Turf Mull). Imported granulated. A great soil improver; used extensively by leading florists, for mixing with potting soil, for propagating benches, also for packing bulbs and plants; useful for mulching in the flower and vegetable garden, shrubs, and lawn. Per bale, \$4.00; 5 bales at \$3.50 per bale.

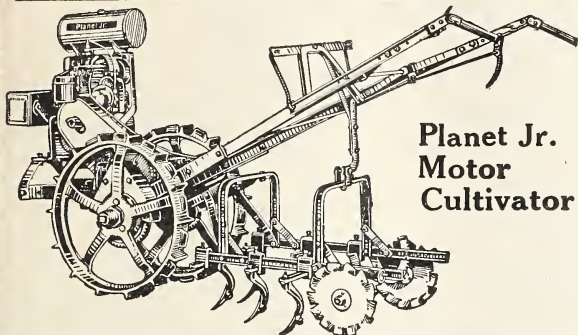
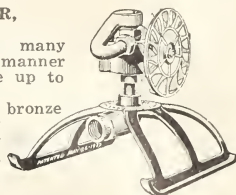
Sphagnum Moss. Bales burlapped. Per bale, \$1.80; 5 bales, at \$7.50.

Sheet. Green, for window baskets, etc. Per sack, \$2.50.

**DOUBLE ROTARY SPRINKLER, NEW MODEL**

This Sprinkler has always had many friends on account of the efficient manner in which it sprays, covering a circle up to 75 feet in diameter.

The gears of hardened steel and bronze are enclosed, and run in oil. They are so simple that it is very rarely necessary to make any adjustment, even after very long wear. \$12.50 each.



**Planet Jr.  
Motor  
Cultivator**

Is built for a wider range of work, for faster and better cultivation more easily, and to afford greater economy. Extra weight together with ample power make possible heavy cultivation and real plowing—a six-inch mouldboard plow being readily handled. Patented steering control which works like a horse cultivator makes possible fine, close cultivation, more rapidly and with less effort than has been possible before. Catalog and price on request.

## Germāco Earlier, More Profitable Crops

HOTKAPS can make many extra dollars for you this season. They are patented wax paper cones—"individual hothouses for each plant" that completely cover them, and fully protect them from frost, wind, rain, ground-crusting and insects. This is your assurance of earlier, bigger crops, and higher early-to-market prices. HOTKAPS are inexpensive and easy to use. One man "sets" over 3000 per day.

Order your season's supply now.

Prices: 1000 lots, \$11.50; 5000 lots, \$11.00 per M; 250 Trial Package, including Garden Setter with Tamper, \$4.00; 100 Home Package, including Garden Setter with Tamper, \$2.50; Hotkap Steel Setter with Tamper, \$2.50; postage extra.

**HANGING BASKETS**  
Galvanized Wire

10 inch .....	\$0.30
12 inch .....	.40
14 inch .....	.60

**GLAZING POINTS**

Zinc Nails.  $\frac{5}{8}$ - or  $\frac{7}{8}$ -inch. 40c per lb.; postpaid, 50c. 5 lbs., \$1.90; postpaid, \$2.15. 10 lbs., \$3.75; postpaid, \$4.00. Peerless, per 1000, 75c, postpaid.

## Fertilizers for the Lawn, Garden and Greenhouse

Prices On Fertilizers Subject to Change Without Notice. Write for Prices on Ton and Cars.



SACCO is a scientifically balanced plant food made specially for the development and care of BEAUTIFUL LAWNS, GARDENS, FLOWERS AND TREES.

**Produces Exceptional Results**

Containing all of the required feeding elements for plant life, SACCO can be depended upon to produce far superior results.

SACCO IS CLEAN AND ODORLESS.

**PRICES**

1 lb. Can .....	\$ .25
5 lb. Bag .....	.50
10 lb. Bag .....	.85
25 lb. Bag .....	1.75
50 lb. Bag .....	3.00
100 lb. Bag .....	5.00

ADCO. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc.; at the rate of two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure. 25 lbs., \$2.00; 150 lbs., \$10.50.

AGRICULTURAL GYPSUM (Land Plaster). To serve as a carrier of insecticides, such as calcium arsenate, etc.

**Put Up in 80-lb. Paper Bags**

10 lbs. ....	\$0.25	480 lbs. ....	\$5.25
25 lbs. ....	.50	960 lbs. ....	9.50
80 lbs. ....	1.00	2000 lbs. ....	18.00

Ask for booklet on Gypsum.

ALUMINUM SULPHATE is used to sour the soil and is essential for rhododendrons, azaleas and laurels, as these are acid-loving plants. 1 lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50.

BLOOD DRIED. Excellent for evergreens, its chief element being nitrogen. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$6.00.

BONE MEAL. We recommend this especially for lawns, gardens, and greenhouses. 2 lbs., 25c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00.

BONE MEAL (Rose Grower's Special). 5 lbs., 45c; 25 lbs., \$1.60; 50 lbs., \$2.50; 100 lbs., \$4.25.

CATTLE or COW MANURE, SHREDDED. For garden, lawn, and greenhouse, and especially good to mix with compost. 100 lbs., \$3.00.

FLORANID (Urea). A highly concentrated fertilizer containing 46 per cent available nitrogen, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees. 92 times stronger than manure. Lb. can, 50c; 5 lbs., \$2.00; 10 lbs., \$3.00; 25 lbs., \$5.00.

HARDWOOD ASHES. Rich in potash and containing all of the fertilizing elements except nitrogen. Price, 25 lbs., \$1.45; 50 lbs., \$2.00; 100 lbs., \$2.85.

LAWN AND GARDEN FERTILIZER (6-8-6). Six per cent nitrogen; eight per cent phosphoric acid; six per cent potash. For lawns, flowers and vegetables, use from 4 to 6 lbs. per 100 square feet. Price, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

LOMA. Beautifies lawns and gardens, a scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Price, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00.

LIME, HYDRATED or POWDERED. Promotes growth and sweetens the soil. Apply 1 ton per acre. 50-lb. sack, 50c; 3 sacks, \$1.35.

MURIATE OF POTASH. Apply 100 to 150 pounds per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Lb., 15c; 5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.40; 50 lbs., \$2.50; 100 lbs., \$4.50.

NITRATE OF SODA. Use only after plants are above ground. If used in liquid form, dilute 2 ounces to 1 gallon of water. Lb., 15c; 5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.40; 50 lbs., \$2.50; 100 lbs., \$4.50.

A highly concentrated inorganic fertilizer, clean and odorless. 15 per cent Nitrogen, 30 per cent phosphoric acid and 15 per cent Potash. 1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.00; 25 lbs., \$5.00.

**NITROPHOSKA**  
15-30-15

PLANTABBS. A widely advertised fertilizer and stimulant in tablet form made especially for potted plants. Pkg., 25c.

SHEEP MANURE. One of the most extensively used of animal manures. It is clean and easily handled, besides giving immediate results. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.50; 100 lbs., \$2.50.

SULPHATE OF AMMONIA. A nitrogenous fertilizer for the lawn, home garden, shrubs, and house plants. Ten pounds will fertilize a lawn 50x50. 1 lb., 15c; 5 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.40; 50 lbs., \$2.50; 100 lbs., \$4.50.

TRUCK GROWERS. A high-grade fertilizer for vegetables. 125-lb. bag, \$3.50;  $\frac{1}{2}$  ton, \$25.00; ton, \$48.00.



# INDEX

Achillea	43	Cobaea	47	Honesty	50	Primula	53
Acroclonium	43	Cockscomb	46	Horseradish Roots	18	Pumpkin	30
African Daisy	44	Coleus	47	Hotkaps	63	Pyrethrum	54
Ageratum	43	Collards	12	Ice Plant	50	Radish	30, 31
Alfalfa Seed	41	Columbine	44	Inoculator	40	Rape	42
Alyssum	43	Coreopsis	47	Insecticides and Fungicides		Rhubarb	32
Amaranthus	43	Corn Salad	12	.....Inside Back Cover		Rhubarb Roots	32
Anchusa	44	Cosmos	47	Job's Tears	50	Ricinus	54
Anemone	44	Cow Peas	42	Kale	19	Rudbeckia	54
Announcement	1	Cowslip	47	Kochia	50	Rutabaga	36
Antirrhinum	44	Cress	12	Kohl-rabi	19	Salpiglossis	54
Aquilegia	44	Cucumbers	17	Kudzu Vine	50	Salsify	32
Asparagus	4	Cyclamen	47	Lady's Slipper	45	Salvia	54
Asparagus Roots	4	Cynoglossum	47	Lantana	50	Scarlet Runner Bean	54
Asters	44, 45	Cypress Vine	47	Larkspur	50	Seed Corn	38, 39
Aster Collection	45	Dahlias	48, 59	Lathyrus Latifolius	50	Seed Disinfectants	64
Baby's Breath	49	Dahlia Culture	59	Lawn Grass Seed	2	Seed, Oats	40
Balsam	45	Dandelion	18	Lettuce	20, 21	Seed, Potatoes	37
Balloon Vine	45	Delphinium	48	Leeks	19	Shell Beans	6
Barley	42	Dianthus	48	Lobelia	51	Snappdragon	44
Beans, Bush Lima	6	Didiscus	48	Lupinus	51	Sorghum	42
Beans, Pole Lima	7	Digitalis	48	Lychnis	51	Soy Beans	40, 42
Beans, Pole	7	Dill Seed	18	Madeira Vines	58	Spinach	32
Bean, Scarlet Runner	45	Dimorphotheca	48	Marigold	51	Sprayers	62
Begonias	46	Dolichos	48	Marvel of Peru	51	Spring Rye	42
Bird Houses	64	Double English Daisy	45	Matricaria	51	Squash	33
Book of Perennials	57	Dwarf Beans	4	Mignonette	51	Statice	56
Broccoli	4	Eggplant	18	Millet	42	Stocks	56
Broom Corn	42	Endive	18	Moonflower	51	Stokesia Cyanea	56
Brussels Sprouts	4	Eschscholtzia	49	Morning Glory	51	Strawberry Plants	57
Buckwheat	42	Euphorbia	49	Moss	63	Sudan Grass	41
Cabbage	10, 11	Farm Seeds	40, 41, 42	Motor Cultivator	63	Sultan's Balsam	50
Caladium	53	Fertilizer	63	Mulch Paper	64	Sunflower	42, 56
Calceolaria	46	Flax	42	Muskmelon	22	Swan River Daisy	45
Calendula	46	Floss Flower	43	Mustard	23	Sweet Clover	41
California Poppy	49	Flower Pots	62	Mushroom Spawn	23	Sweet Corn	15, 16
Calliopsis	46	Flower Seeds	43-57	Myosotis	51	Sweet Peas	55
Canada Field Peas	42	Gaillardia	49	Nasturtium	52	Sweet Pea Collection	
Canary Bird Vine	46	Garden Beets	8	Nicotiana	52	.....Inside Front Cover	
Candytuft	46	Garden Guide	14	Nigella	52	Sweet Potato Plants	37
Cannas	58	Garden Peas	26, 27, 28	Okra	23	Sweet Potatoes, Seed	37
Cantaloupe	22	Garden Specialties	3	Onion Seeds	24, 25	Sweet William	56
Canterbury Bells	46	Garden Tools	61, 62	Oyster Plant	32	Thunbergia	56
Cardinal Climber	46	Garlic Sets	19	Pansy	52	Tomatoes	34, 35
Carnation	46	Gerbera	49	Parsley	26	Transvaal Daisy	49
Cauliflower	12	Gladiolus	60	Parsnip	26	Tritoma	56
Celeriac	14	Godetia	49	Passion Flower	52	Tuberose	58
Celery	3, 13, 14	Gourds	49	Pentstemon	52	Turnip	36
Centaurea	47	Grass Shears	62	Peppers	29	Verbena	56
Cerastium	47	Guarantee.....Inside Front Cover		Petunias	52	Vetch	42
Chicory	12	Gypsophila	49	Phlox Drummondi	53	Vinca	56
Chinese Cabbage	12	Helichrysum	49	Physalis	53	Viola	56
Chrysanthemum	47	Heliotrope	49	Plant Stakes	62	Wallflower	56
Cineraria	47	Herbs	19	Plant Tubs	62	Watermelon	23
Cinnamon Vine	58	Hollyhocks	50	Pop Corn	15	Wild Cucumber	57
Clarkia	47			Poppies	53	Windflower	44
Cleome	47			Portulaca	53	Zinnia	57

## Mulch Paper Grows Bigger, Better, Earlier Crops

Do away with the back-breaking labor of weeding and cultivating—get bigger, better, and earlier results. Mulch Paper prevents the growth of weeds, preserves soil-moisture, and increases soil-fertility. Plants, vegetables, and flowers protected and stimulated by Mulch Paper mature weeks earlier and yield sometimes up to four times the crop.

Type B (heavy weight). For annuals and perennials in field culture and all garden work.

18-in. roll (675 sq. ft.)	\$3.50
36-in. roll (1350 sq. ft.)	7.25

Tomato plants nine weeks old. Planted with same seed. The increased yield for Mulched Tomato Plants is over 44 per cent.



## Seed Disinfectants

In All  
Package  
Sizes



Prices for Semesan:

2 oz. ..\$0.50	5 lbs...\$13.00
1 lb. .. 2.75	25 lbs... 56.25

Semesan Jr. and Semesan Bel:

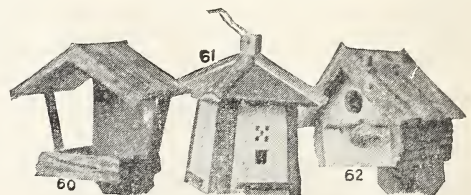
4 oz. ..\$0.50	5 lbs...\$ 8.00
1 lb. .. 1.75	25 lbs... 31.25

**SEMESAN.** This disinfectant can be applied in either the liquid or dust form to prevent or control effectively a most diversified variety of diseases and fungous growths borne on seeds, bulbs, corns, roots, tubers, plants, grafts and soils. Semesan is harmless to seed and plant life.

**CERESAN.** A dust disinfectant for smut on Oats, Barley, Rye, Wheat, and other cereals. 8 ozs., 50c; 1 lb., 75c; 5 lbs., \$3.00.

**SEMESAN JR.** A dust disinfectant for seed corn against the ear, root and stalk rots.

**SEMESAN BEL.** Applied to whole or cut seed potatoes, either as a dry powder or a whitewash-like water mixture.



FOR ROBIN, WREN AND BLUEBIRD

\$1.75 each; 3 for \$5.00 and parcel post charges. Weight of three, 10 lbs. This set is also known as "Our Famous Three Bird Houses for \$5.00."

**BULLDOG CLIPS**

For fastening packages, boxes, etc. 75c per box of 1000; 10 boxes for \$6.50.

**RUBBER PLANT SPRINKLERS**

10 oz. capacity .....\$1.15  
Either Straight or Crook Neck.  
By mail, add 10c for postage.

**1001 GARDEN QUESTIONS ANSWERED**

By Prof. Alfred C. Hottes.  
A guide book to daily operations covering the flower, vegetable and fruit garden. Cloth bound. \$2.15, postpaid.



**If you have moved during the year, please give us your old as well as your new address.**



[illegible]



# Insecticides and Fungicides

NOTE: Insecticides cannot be sent by parcel post.

ALL PRICES SUBJECT TO MARKET CHANGES.

**ANTROL.** For controlling Argentine and species of house ants commonly known as "honeydew loving ants." Set, \$1.00.

**ANT DESTROYER (Powder).** For exterminating ants, cockroaches, wood-lice, snails and many other insects. Per ½ lb., 50c; lb., \$1.00.

**ARSENATE OF LEAD (Powder).** Better than Paris green, does not burn the foliage, goes twice as far, and is easier to handle. Dilute 1 pound to 50 gallons of water. ½ lb., 25c; lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$7.50; 100 lbs., \$20.00.

**BLACK LEAF 40.** Per 1 oz. bottle, 35c; ½ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85.

**BORDEAUX MIXTURE (Dry Powder).** The recognized fungicide for the control of most fungous diseases of fruits and ground crops. Dilute 4 to 4½ pounds to 50 gallons of water. ½ lb., 25c; lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$5.75; 50 lbs., \$10.00; 100 lbs., \$18.00.

**CALCIUM ARSENATE.** Known for its high arsenic content. It is probably the most effective arsenical insecticide on the market. For spraying potatoes, cucumbers and tobacco, and is the best remedy for the Mexican bean beetle. ½ lb., 20c; lb., 35c; 4 lbs., \$1.25; 8 lbs., \$2.25; 25 lbs., \$4.50; 100 lbs., \$15.00.

**CARBOLA.** A combined disinfectant and paint or whitewash for stables, barns and kennels. Is a preventive of contagious disease. One pound of Carbola is mixed with one gallon of water and will cover approximately 250 square feet of surface. 5 lbs., 75c; 10 lbs., \$1.25; 20 lbs., \$2.50; 50 lbs., \$5.00.

**CARBON BISULPHIDE (Ant Destroyer).** Poisonous. For ants, pour a little Bisulphide on each nest; in lawns and gardens, at intervals of 10 inches pour a tablespoonful in each hole. 1-lb. can, 50c.

**COPPER SULPHATE (Blue Vitriol).** Used for making Bordeaux Mixture solution. Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 50 lbs., \$5.00; 100 lbs., \$9.00; 450-lb. bbl., \$36.00.

**CYANOGAS (Calcium Cyanide).** A valuable insecticide for greenhouse fumigation, for destroying aphids, white fly, soft scale, thrips, etc. For outside use in killing rats, ants, moles, woodchucks, gophers, and ground squirrels. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00.

**DERRISOL.** For the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. ½-lb. bottle, \$1.25; 1 lb., \$2.75; 2-lb. can, \$3.25; 10-lb. can, \$12.00.

**DRY MIX.** Summer Fruit Spray to control Scab and Brown Rot. For Cherries, Plums, and Peaches. Use 10 lbs. Dry Mix with 1½ lbs. Arsenate of Lead to 50 gallons of water. 5 lbs., 50c; 10 lbs., 85c.

**EVER-GREEN (Non-Poisonous).** Sure death to plant insects, including both the chewing and sucking pests. Will not injure tender plants; kills Leaf Rollers and Cut Worms. 1 oz. makes 8 qts. of spray. 1½-oz. bottles, 35c; ½ pt., \$1.00; pt., \$2.00; qt., \$3.85; gal., \$13.00.

**FISH OIL SOAP (Whale Oil Soap).** A wash for insects and eggs on the bark, and for smearing the trunks of trees to prevent worms from crawling up. Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75.

**FORMALDEHYDE.** Used for destroying disease germs that affect animal and plant life; also as a preventive for potato scab, onion and grain smuts. A pound to 15 gallons of water. A gallon of solution to a bushel of seed is required for treatment. 1-lb. (1 pint) bottles, 50c each.

**FUNGITROGEN.** A highly concentrated fungicide that conquers mildew and controls Black Spot on roses, phlox and other plants, and is an effective plant stimulant as well. One tablespoonful to a quart of water. ½ pt., 75c; 1 pt., \$1.25; qt., \$2.00; ½ gal., \$3.50; gal., \$6.00.

**HELLEBORE.** For destroying currant worms and other soft-shelled insects. ½ lb., 35c; 1 lb., 60c; 5 lbs., \$2.75.

**INSECTROGEN.** A complete spray for leaf chewing insects, including caterpillars, rose slug worms and Japanese Beetles. 4 ozs., 60c; ½ pt., \$1.00; pt., \$1.75; qt., \$2.75; ½ gal., \$4.50; gal., \$8.00.

**KAYSO.** Used as a spreader to mix with other insecticides. Use 1 tablespoonful Kayso to 5 gallons of solution or 1½ pounds to 200 gallons. 5 lbs., \$1.25; 10 lbs., \$2.40; 25 lbs., \$5.00.

**LIME-SULPHUR (Dry Powder).** Dilute 1 lb. to 6 gals. of hot or cold water. Per lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.25; 25 lbs., \$4.50; 50 lbs., \$7.50; 100 lbs., \$14.00.

**MONOHYDRATED COPPER SULPHATE.** For dusting mix. 12½ lbs. and 50 lbs., Hydrated Lime. 12½-lb. bags, \$2.50; 100 lbs., \$15.00.

**MERKO.** An effective form of dust disinfectant of both field and sweet corn seeds against the ear, root, and stalk rots. 4 ozs., 50c; lb., \$1.75.

**NICO FUME (Liquid).** For use as a spray or vapor, for controlling green fly, aphids, etc., in greenhouses and outdoors. Per ¼ lb., 75c; 1 lb., \$2.00; 4 lbs., \$6.25; 8 lbs., \$11.50.

**NICO FUME FUMIGATING POWDER.** A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. 5 lbs., \$3.75; 10 lbs., \$6.85.

**PARA-DICHLOROBENZENE.** Highly recommended for destroying the peach borers in trees four years and older. During September a ring of the crystals is placed on the soil around the trunk and covered by mounding the earth against the tree. One ounce is sufficient for each tree. Lb., 60c.

**PARIS GREEN.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form, 1 pound in 50 gallons of water. ¼ lb., 15c; ½ lb., 30c; 1 lb., 55c.

**PYROX.** An insecticide and fungicide for eating insects, blights and fungus. Mix with water to apply. 1 lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$17.00.

**RED ARROW.** Non-Poisonous. Highly effective against both chewing and sucking insects; harmless to the tenderest foliage. Easy to prepare. 1 oz., 35c; 3½ ozs., \$1.00; 1 pt., \$1.75; qt., \$6.00; gal., \$20.00.

**SCALECIDE.** Oldest, safest and best known dormant spray for fruit trees, shrubs and vines. Pleasant to use. For Scale and other pests, too. Dilute 1 to 15. Prices, 1 qt., 75c; 1 gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60; 15 gals., \$13.50; 30 gals., \$25.00; 50 gals., \$35.00. Refund on return of larger drums.

**SLUG SHOT.** The remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 1-lb. carton, 20c; 5 lbs., 60c; 10 lbs., \$1.10.

**SNAROL.** An effective bait for controlling Cutworms, Grasshoppers, Snails, Slugs and Sow Bugs. Not injurious to plants or other vegetation. One lb., 50c; 3 lbs., \$1.00; 15-lb. bag, \$3.75; 50-lb. sack, \$10.00.

**SODIUM CHLORIDE.** For eradicating Canada Thistle and other weeds. Is not poisonous and does not make the ground sterile long. 10 lbs., \$1.50; 25 lbs., \$3.25; 50 lbs., \$6.25; 100 lbs., \$12.00.

**SULFOCIDE.** An efficient Summer spray for the control of scab and black rot on fruit trees. For general use, dilute one gallon to 200 gallons of water. Gal., \$2.75; 5-gal., \$8.75.

**SULPHATE OF IRON.** A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.45; 50 lbs., \$2.25; 100 lbs., \$3.50.

**SULPHUR.** Used for checking mildew. 1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$2.00; 100 lbs., \$7.50.

**SUNOCO SPRAY OIL.** For the control of scale insects, red spider, aphids, thrips, etc. Cheap, effective and pleasant to handle. Gal. \$1.25; 5 gals., \$5.00; 15 gals., \$9.75; 30 gals., \$16.80; 50 gals., \$22.00.

**THRIP JUICE.** This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Gal., \$4.25.

**TOBACCO DUST (For Dusting).** Splendid fertilizer and preventative for insects. 1 lb., 15c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100-lb. bag, \$4.00.

**TOBACCO POWDER (Fumigating).** Extra strong dust for fumigating. 5 lbs., 40c; 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$5.00.

**TOBACCO SOAP (Sulpho).** A combination of tobacco extract and sulphur. Fine for washing and spraying plants. Dissolve in warm water. 25c per 8 ozs. By parcel post, 30c.

**TREE TANGLEFOOT.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.

**TREE WOUND PAINT.** Is an insurance against decay, having penetrating, antiseptic and elastic water-proofing qualities. Sun and rain cannot cause the coating to break from the treated wood. 1 lb., 50c; 10 lbs., \$3.00.

**VOLCK.** A spray for the garden, nursery and greenhouse. Effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrips, etc. ½ pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.50.

**WEED KILLER.** Kills all plant growth. Dilute 1 part to 40 parts of water. Applied with an ordinary watering can. One gallon will cover 500 square feet. Qt., 75c; gal., \$1.75.



# The Holmes Seed Company

Canton, Ohio.



**"SURE CROP BEANS"**  
*The finest stringless wax bean grown.*

See Page  
5



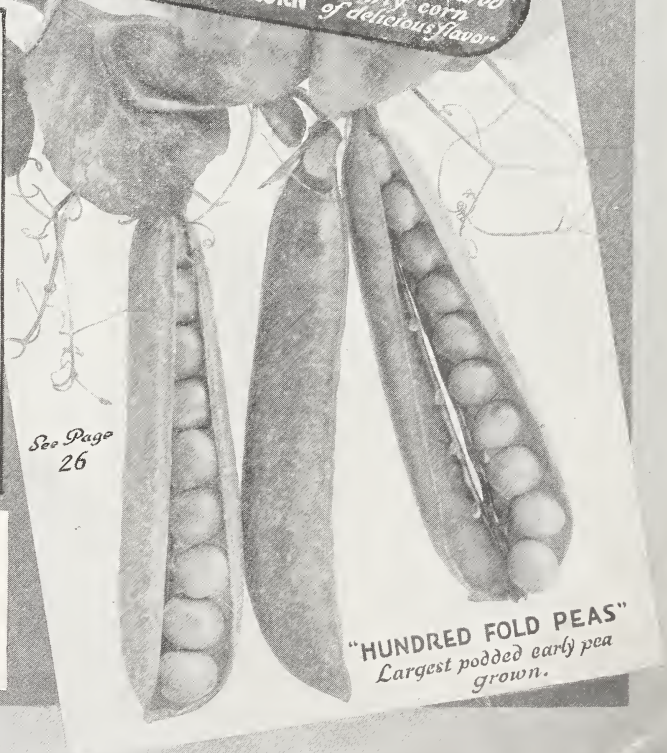
**"HOLMES SWEETHEART CORN"**  
*The largest eared early corn of delicious flavor*

See Page  
16



**"HOLMES FIRE BALL BEET"**  
*The earliest, darkest, blood-red beet grown.*

See Page  
8



**"HUNDRED FOLD PEAS"**  
*Largest podded early pea grown.*

See Page  
26

## Garden Collection

One Packet Each of these  
four grand varieties

If sold separately would cost 50c  
Order as COVER COLLECTION

**35c**